



00004055

AUG 16 1989



# DRINKING & DRIVING IN ONTARIO

Statistical Yearbook

1988 - 1989

Drinking/Driving Countermeasures Office

Ministry of the Attorney General

HE  
5620  
D7  
D73  
1988/89  
c.2

SEARCHED  
INDEXED  
SERIALIZED  
FILED

HE 5620 D7 D73 1988/89 c.2  
Drinking and driving in  
Ontario

HE 5620 D7 D73 1988/89 c.2  
Drinking and driving in  
Ontario

MINISTRY OF THE  
ATTORNEY GENERAL  
LAW LIBRARY



# DRINKING & DRIVING IN ONTARIO

## Statistical Yearbook 1988 - 1989

March 1991

Prepared by: Traffic Injury Research Foundation of Canada  
171 Nepean Street  
Ottawa, Ontario  
K2P 0B4

Prepared for: Drinking/Driving Countermeasures  
Ministry of the Attorney General  
720 Bay Street, 3rd Floor  
Toronto, Ontario  
M5G 2K1

41/5620 D7/07540841-810708, 071

CHIANG YEE-CHI  
ZAIHUA YI-HU  
YEEHUA WAI

# TABLE OF CONTENTS

|  | Page           |
|--|----------------|
| <b>1.0 INTRODUCTION</b>  | <b>1</b>       |
| 1.1 Background   | 1              |
| 1.2 Why a "Statistical" Yearbook?  | 2              |
| 1.3 Scope of This Report   | 3              |
| <b>2.0 DRINKING AND DRIVING IN ONTARIO<br/>HIGHLIGHTS FROM THE STATISTICAL YEARBOOK</b>                            | <b>5</b>       |
| 2.1 Alcohol Use Among Drivers Involved in Traffic Crashes  | 5              |
| 2.2 Characteristics of Drivers Involved in Traffic Crashes:<br>Gender and Age                                      | 6              |
| 2.3 Hour, Day, and Month of Crashes Involving Drinking Drivers   | 7              |
| 2.4 Ontario Counties and Regional Municipalities   | 7              |
| 2.5 Trends in Drinking and Driving   | 8              |
| <b>3.0 STATISTICS ON DRINKING AND DRIVING: 1988-1989</b>   | <b>9</b>       |
| 3.1 Sources of Statistics  | 9              |
| 3.2 Drinking/Driving Statistics: Definitions   | 10             |
| 3.2.1 Drivers Involved in Traffic Crashes  | 10             |
| 3.2.2 Drivers Fatally Injured in Traffic Crashes   | 11             |
| 3.2.3 Persons Charged with Impaired-driving Offences   | 11             |
| 3.2.4 Measuring the Magnitude of the Problem Over Time   | 12             |
| 3.3 Magnitude of the Problem and Characteristics<br>of Crash-Involved Drivers                                      | 13             |
| 3.4 The Problem of Drinking and Driving in Ontario:<br>Counties and Regional Municipalities                        | 23             |
| 3.5 Trends in Drinking and Driving in Ontario  | 27             |
| <b>SOURCES OF MORE INFORMATION</b>   | <b>33</b>      |
| <b>APPENDIX A: DRINKING AND DRIVING IN ONTARIO:<br/>1988 - 1989 STATISTICS</b>                                     | <b>A1-A23</b>  |
| <b>APPENDIX B: 1988 - 1989 STATISTICS ON DRINKING AND DRIVING<br/>ONTARIO COUNTIES AND REGIONAL MUNICIPALITIES</b> | <b>B1-B105</b> |



## 1.0 INTRODUCTION

### 1.1 Background

The decade of the 80s witnessed a tremendous resurgence of efforts to reduce the magnitude of problems associated with driving after drinking. In Ontario, organizations like People to Reduce Impaired Driving Everywhere (PRIDE) were at the forefront of these efforts. Similar groups were active in other provinces and most of the United States. Governments responded with new, tougher laws, stricter enforcement, and stiffer penalties for offenders. Along with this traditional approach, however, came a long-term commitment and a willingness to support *community-based* initiatives.

Perhaps most remarkable is the degree to which the overall effort in Ontario has been **broadened and sustained**. At the beginning of the decade, efforts were focussed on drinking-driving countermeasure activities during the month of December. Today, enforcement "blitzes", information and awareness campaigns, educational programs, and a host of local initiatives take place throughout the year. And the collective success of these and other efforts in Ontario over the past several years is reflected in statistics on drinking-driving. Progress has been made. But it is critical that this success not breed complacency. The momentum must be sustained -- while the statistics give cause for satisfaction, at the same time they underscore the substantial distance yet to go in the battle against drinking and driving. The number of people killed and injured on Ontario's roadways as a result of driving after driving is unacceptable. Every year, thousands of lives are irreparably altered by the tragedy of a drinking driver. Some scholars in the field have suggested that the easy battles have been won -- enforcement and persuasive techniques have converted those most accepting of the message, those easiest to change. But new, bolder initiatives are necessary to reach those most resistant to change -- the "hard-core", heavy drinker. The success of past efforts, however, should provide the encouragement and strength to face the challenges that remain.

## 1.2 Why a "Statistical" Yearbook?

Statistics on impaired driving are a "window" through which one can view part of the reality of drinking and driving, at least in aggregate. To achieve the greatest impact possible from countermeasure activities, there is periodic need for information to monitor progress, to reassess strategies and tactics, and to direct efforts more effectively. In this way, however cold-hearted they seem, statistics on drinking and driving serve a most worthwhile function.

Ontario has many sources of information on drinking and driving that offer insights into the magnitude of this problem and the characteristics of those who drive after drinking. Given the quality of data available, it is also possible to monitor drinking-driving over time and thus describe trends in the alcohol-crash problem.

One aim of the Drinking/Driving Countermeasures Office is to provide useful information to people concerned about drinking and driving, particularly those active in communities across Ontario. In keeping with this aim, the main purpose of this, the third statistical report on drinking-driving in Ontario, is to give ready access to data descriptive of drinking-driving problems in the province as a whole, as well as in each of Ontario's counties and regional municipalities.

Despite the apparent utility of this information, there is a risk in publishing these statistics: numbers of drinking drivers involved in traffic crashes may seem "insignificant" in some areas, especially in counties with lesser populations. The complacency induced by the "small" numbers of crashes caused by impaired drivers in a community can be a disservice to many residents: to the victims **and** to their families, friends, and employers. Of course, when the toll of deaths, injuries, and property damage for Ontario as a whole is examined, the problem of drinking and driving appears as it is -- a very large, *intolerable* burden of loss and waste.

### 1.3 Scope of This Report

This report presents data on the number of drinking drivers involved in motor vehicle collisions in Ontario for the years 1988 and 1989. The following section provides an overview of some of the major highlights from 1988 and 1989. More detailed descriptions of the data, a review of the magnitude and characteristics of the problem in Ontario, and trends in drinking and driving are presented in Section 3. To a large extent, the report relies on charts and graphs to convey this information. The text that accompanies these charts is provided as a guide through the seemingly complex array of numbers. As well, significant findings and changes from previous years are highlighted.

The bulk of the data are contained in a series of tables and figures in the Appendices. Appendix A presents aggregate data for the whole province. Appendix B contains detailed information about crash-involved drinking drivers in each county and regional municipality in Ontario.



Digitized by the Internet Archive  
in 2017 with funding from  
Ontario Council of University Libraries

[https://archive.org/details/mag\\_00004055](https://archive.org/details/mag_00004055)

## 2.0 Highlights from the Statistical Yearbook: 1988 - 1989

### 2.1 Alcohol Use Among Drivers Involved in Traffic Crashes

\*\*\* During 1988, 361,210 drivers were involved in traffic crashes in Ontario. Police reported that 17,819 (4.9%) of these drivers had consumed alcohol prior to the crash. Of these drinking drivers, 7,306 (41%) were judged by police to have their ability to drive impaired by alcohol; 10,513 (59%) were reported to have been drinking [Table 1].

\*\*\* During 1989, the total number of drivers involved in traffic crashes rose to 391,143 *but the number of drinking drivers involved in traffic crashes dropped to 17,488 (4.5%).* Of these drinking drivers, 7,501 (43%) were judged by police to have their ability impaired by alcohol; 9,987 (57%) were reported to have been drinking [Table 1].

\*\*\* In 1988, of the 7,306 crash-involved drivers judged impaired by alcohol, 244 of them (3.3%) were involved in fatal crashes; 3,475 (44.6%) were involved in injury crashes; and 3,587 (49.1%) in property-damage crashes. In 1989, 160 (2.1%) of the drivers judged impaired were involved in fatal crashes; 3,556 (47.4%) were involved in injury crashes; and 3,785 (50.4%) in property-damage crashes [Table 1].

\*\*\* It has been well-established that the more serious a traffic crash, the more likely a drinking driver was involved. In 1988, about 4% of drivers involved in property-damage crashes and 6.5% of drivers involved in *injury* crashes were reported to have consumed alcohol; by contrast, about one in four (26%) drivers involved in *fatal* crashes had been drinking or was impaired. In 1989, the percentages were 3.6%, 6%, and 22% for property damage, personal injury, and fatal crashes, respectively [Table 1].

\*\*\* Among drivers *fatally injured* in traffic crashes and tested for alcohol in 1988, 33.7% (175/520) had a blood alcohol concentration (BAC) over 80 mg%, the limit defining impairment in the Criminal Code of Canada. In 1989, 32.7% (191/584) of fatally injured drivers had a BAC over 80 mg% [Table 9].

## 2.2 Characteristics of Drivers Involved in Traffic Crashes: Gender and Age

\*\*\* In 1988, most (88.5%) of the drinking drivers involved in crashes of *any* severity were male. In 1989, males accounted for an almost identical proportion (88.9%) of crash-involved drinking drivers [Tables 2A & 2B].

\*\*\* Taken together, in 1988 and 1989 the percentage of male drinking drivers in *injury* crashes was 88% [Tables 2A & 2B].

\*\*\* Male drivers were even more prominent in **fatal** crashes in 1988 and 1989; of 758 drinking drivers in fatal crashes, 697 (92%) were male [Tables 2A & 2B].

\*\*\* **25-34 year-olds** accounted for the largest percentage of drivers judged **impaired** by alcohol -- 38% in 1988 and 1989, combined. They were followed by 16-24 year-olds (26%) and 35-44 year-olds (20%) [Tables 2A and 2B].

\*\*\* Among drivers reported by police as "*had been drinking*" in 1988 and 1989, **16-24 year-olds** were most numerous (37.5%); next most frequent were **25-34 year-olds** (35%) and **35-44 year-olds** (15%) [Tables 2A & 2B].

\*\*\* Compared to their numbers in the *licensed driver population*, **16-24 year-olds** and **25-34 year-olds** were **overrepresented** among crash-involved drinking drivers. For example, the percentage of 16-24 year-olds among crash-involved drinking drivers (33%) was **more than twice** their percentage in the licensed driver population (15%) [Tables 7A & 7B].

## 2.0 Highlights from the Statistical Yearbook: 1988 - 1989

### 2.1 Alcohol Use Among Drivers Involved in Traffic Crashes

\*\*\* During 1988, 361,210 drivers were involved in traffic crashes in Ontario. Police reported that 17,819 (4.9%) of these drivers had consumed alcohol prior to the crash. Of these drinking drivers, 7,306 (41%) were judged by police to have their ability to drive impaired by alcohol; 10,513 (59%) were reported to have been drinking [Table 1].

\*\*\* During 1989, the total number of drivers involved in traffic crashes rose to 391,143 *but the number of drinking drivers involved in traffic crashes dropped to 17,488 (4.5%).* Of these drinking drivers, 7,501 (43%) were judged by police to have their ability impaired by alcohol; 9,987 (57%) were reported to have been drinking [Table 1].

\*\*\* In 1988, of the 7,306 crash-involved drivers judged impaired by alcohol, 244 of them (3.3%) were involved in fatal crashes; 3,475 (44.6%) were involved in injury crashes; and 3,587 (49.1%) in property-damage crashes. In 1989, 160 (2.1%) of the drivers judged impaired were involved in fatal crashes; 3,556 (47.4%) were involved in injury crashes; and 3,785 (50.4%) in property-damage crashes [Table 1].

\*\*\* It has been well-established that the more serious a traffic crash, the more likely a drinking driver was involved. In 1988, about 4% of drivers involved in property-damage crashes and 6.5% of drivers involved in *injury* crashes were reported to have consumed alcohol; by contrast, about one in four (26%) drivers involved in *fatal* crashes had been drinking or was impaired. In 1989, the percentages were 3.6%, 6%, and 22% for property damage, personal injury, and fatal crashes, respectively [Table 1].

\*\*\* Among drivers *fatally injured* in traffic crashes and tested for alcohol in 1988, 33.7% (175/520) had a blood alcohol concentration (BAC) over 80 mg%, the limit defining impairment in the Criminal Code of Canada. In 1989, 32.7% (191/584) of fatally injured drivers had a BAC over 80 mg% [Table 9].

## 2.2 Characteristics of Drivers Involved in Traffic Crashes: Gender and Age

\*\*\* In 1988, most (88.5%) of the drinking drivers involved in crashes of *any* severity were male. In 1989, males accounted for an almost identical proportion (88.9%) of crash-involved drinking drivers [Tables 2A & 2B].

\*\*\* Taken together, in 1988 and 1989 the percentage of male drinking drivers in *injury* crashes was 88% [Tables 2A & 2B].

\*\*\* Male drivers were even more prominent in **fatal** crashes in 1988 and 1989; of 758 drinking drivers in fatal crashes, 697 (92%) were male [Tables 2A & 2B].

\*\*\* **25-34 year-olds** accounted for the largest percentage of drivers judged **impaired** by alcohol -- 38% in 1988 and 1989, combined. They were followed by 16-24 year-olds (26%) and 35-44 year-olds (20%) [Tables 2A and 2B].

\*\*\* Among drivers reported by police as "*had been drinking*" in 1988 and 1989, **16-24 year-olds** were most numerous (37.5%); next most frequent were 25-34 year-olds (35%) and 35-44 year-olds (15%) [Tables 2A & 2B].

\*\*\* Compared to their numbers in the *licensed driver population*, **16-24 year-olds** and **25-34 year-olds** were **overrepresented** among crash-involved drinking drivers. For example, the percentage of 16-24 year-olds among crash-involved drinking drivers (33%) was **more than twice** their percentage in the licensed driver population (15%) [Tables 7A & 7B].

## 2.3 Hour, Day, and Month of Crashes Involving Drinking Drivers

Drinking drivers crash at all hours, any day of the week, every month of the year -- *but more often during some times than others.*

\*\*\* In 1988 and 1989 combined, 69% of drinking drivers were involved in crashes in the nine-hour period between 6 p.m. and 3 a.m. [Tables 3A & 3B].

\*\*\* Almost two-thirds (66%) of drinking drivers (as reported by police) were involved in crashes on Friday, Saturday, or Sunday [Tables 4A & 4B].

\*\*\* Numbers of crash-involved drinking drivers are usually greater in the summer months than in winter months. In the two-year period 1988-89, police reported 28% *more drinking drivers* were involved in personal injury crashes during June, July, and August than in January, February, and December. The number of drinking drivers involved in fatal crashes during the summer months was 59% higher than during the winter months [Tables 5A & 5B].

## 2.4 Ontario Counties and Regional Municipalities

\*\*\* Not surprisingly, the greater the population of a county or regional municipality, the greater the number of drivers involved in traffic crashes. Thus, **numbers** of normal and drinking drivers involved in crashes increase with increasing population. During 1989, the number of drinking drivers in crashes ranged from 40 (Rainy River) to 4,172 (Metropolitan Toronto and York Region combined) [Table 10B].

\*\*\* In general, the **percentage** of crash-involved drivers reported by police to have consumed alcohol (*had been drinking, ability impaired*) **decreases** with increasing population. For example, in 1988, Metropolitan Toronto and York Region had the largest population (2.5 million) and the lowest **percentage** of drinking drivers among crash-involved drivers (3.5%). The county of Manitoulin had the smallest population (6,771) and the highest percentage of crash-involved drinking drivers (17.5%) [Table 10A].

\*\*\* During 1988 in Ontario, the average number of crash-involved *drinking* drivers per 1,000 population was **2.0**. Rates varied by county and regional municipality, ranging from 1.4 crash-involved drinking drivers per 1,000 population in Ottawa-Carleton to 6.5 drinking drivers per 1,000 population in Manitoulin [Table 10A].

\*\*\* For comparison, during 1988 in Ontario, the average number of crash-involved *normal* drivers per 1,000 population was **37.7**. Rates of crash-involved drivers reported as normal also varied by jurisdiction. Rates ranged from 18.7 normal drivers per 1,000 population in Prince Edward County to 47.0 normal drivers per 1,000 population in Kenora [Table 10A].

## 2.5 Trends in Drinking and Driving

\*\*\* Since 1980 in Ontario, the annual number of crash-involved drinking drivers has dropped substantially. In 1980, police reported 30,101 drivers as "had been drinking" or "impaired". In 1989, police reported **42% fewer** drinking drivers (17,488) [Table 6]. In contrast, the number of crash-involved drivers reported as "normal" **increased 32%**: from 283,005 in 1980 to 373,655 in 1989 [Table 1].

\*\*\* From 1980 to 1989, the number of people licensed to drive in Ontario increased by 26% (from 4.99 to 6.29 million). **Despite this increase, the number of crash-involved drinking drivers decreased.** As a result, the number of crash-involved drinking drivers *per 1,000 licensed drivers* fell by **58%** (from 6.63 to 2.78) [Table 6].

\*\*\* Among all crash-involved drivers reported by police, the percentage of *drinking drivers* has dropped steadily, from **9.6% in 1980** to a ten-year low of **5.5% in 1989**.

\*\*\* Only persons *fatally injured* in traffic crashes are *routinely* tested for alcohol use. Among those most frequently tested are **automobile** drivers who are 16 years of age or older and who die within 6 hours of crash involvement. This is one of the most reliable indicators of alcohol involvement in traffic crashes. The percentage of automobile driver fatalities with BACs over 80 mg% has dropped from 49.2% of those tested in 1980 to **29.5% in 1989 -- the lowest figure reported since these data became available in Ontario.**

## 3.0 STATISTICS ON DRINKING AND DRIVING: 1988-1989

### 3.1 Sources of Statistics

Statistics for this report were compiled from a number of sources. Again this year, detailed information on drivers involved in traffic crashes received from the Ontario Ministry of Transportation comprise the primary source of data. These data come from Motor Vehicle Accident Reports completed by investigating police officers. Because the focus of this report is on **drinking drivers** involved in traffic crashes, these statistics complement those published each year by the Ministry of Transportation in the Ontario Road Safety Annual Report (available from the Safety Co-ordination and Development Office of the Ministry). Although derived from the same source, the numbers in this report do not necessarily match those reported by the Ministry of Transportation in the Ontario Road Safety Annual Report. The disparities are, however, nominal (i.e., less than 1%) and are a result of slightly different criteria used to select cases for inclusion.

Statistics from the Fatality Database developed and maintained by the Traffic Injury Research Foundation of Canada (TIRF), and funded jointly by Transport Canada and the Canadian Council of Motor Transport Administrators, are also presented. Based on reports by coroners and toxicologic tests for alcohol in blood, the Fatality Database contains information on the presence *and the amount* of alcohol consumed by drivers fatally injured in traffic crashes. In reporting these data, only drivers of highway vehicles (operators of farm tractors, snowmobiles, and bicycles are excluded), 16 years of age and over, dying within 6 hours of crash involvement are included. These data have been collected in Ontario since 1973 and are used to describe trends in drinking driver fatalities.

Ontario data from the Canadian Centre for Justice Statistics (CCJS) on the number of persons charged with impaired-driving offences are also summarized. Similar data from previous years are used to describe the changing pattern of impaired driving charges in Ontario.

### 3.2 Drinking/Driving Statistics: Definitions

To aid in the understanding and interpretation of the numbers contained in this report, the following definitions and descriptive comments are provided.

**3.2.1 Drivers Involved in Traffic Crashes.** Data on the number of drivers involved in traffic crashes reported by police are the basis from which information about drinking drivers is derived. It is important to bear in mind that drivers, not crashes, form the basic "unit of analysis". For example, in any given crash reported by the police, there may be more than one driver involved. Information about alcohol use is reported for every driver, even if there are several drivers involved in the crash. Counting drivers, not crashes, may appear to underestimate the extent of the alcohol-crash problem, but more accurately reflects the extent of alcohol use by drivers who become involved in crashes.

Drivers involved in crashes are then divided into three groups on the basis of information about their use of alcohol as reported by investigating police officers:

- **Normal (NOR):** Driver's condition was apparently normal; i.e., in the opinion of the investigating officer, the driver had *not* been drinking.
- **Had Been Drinking (HBD):** Driver had consumed alcohol but, in the opinion of the investigating officer, did not have a blood alcohol concentration (BAC) over the legal limit, nor was the driver otherwise impaired by alcohol.
- **Ability to Drive Impaired by Alcohol (IMP):** Driver had a BAC over the legal limit (80 mg%) or was judged impaired by alcohol by the investigating officer.

In addition, drivers in the second and third groups above have been combined in a category termed **Drinking Drivers (D/D)**. The term *drinking drivers*, then, refers to all crash-involved drivers reported to have consumed alcohol, that is, to have a positive BAC.

Information about the severity of crashes in which drivers were involved correspond to those used by the police and the Ministry of Transportation.

o **Property Damage:** Crashes that result in damage to property but no reported injury to persons involved. Crashes causing \$700 or more damage are by law "reportable" by police.

o **Personal Injury:** Crashes that result in injury to one or more persons involved, but no person *died* of injuries sustained in the crash within thirty days. Of course, personal injury crashes usually cause damage to property, too.

o **Fatal:** One or more persons involved in a crash die of the injuries sustained, within thirty days. Nonfatal injury to others as well as property damage may also occur in such crashes.

**3.2.2 Drivers Fatally Injured in Traffic Crashes.** In Ontario, most drivers killed in traffic crashes are tested for the presence and amount of alcohol. Especially for drivers dying within a few hours of crash involvement, tests for alcohol are routine. In this report, data on alcohol use among drivers of *highway vehicles* (operators of farm tractors, snowmobiles, and bicycles are excluded), who were *16 years of age or older*, and who died within *six hours* of crash involvement are included. Data on alcohol use by fatally injured drivers come from the TIRF Fatality Database.

**3.2.3 Persons Charged with Impaired-driving Offences.** As reported by the Canadian Centre for Justice Statistics, the number of "persons charged" with impaired driving offences does not represent an "unduplicated count" of *individuals* charged in a year. Thus, a person charged on more than one occasion will be counted every time they are charged by the police with an impaired driving offence. "Impaired-driving offences" include *driving while impaired, over 80 mg%, and failing or refusing to provide a breath sample* -- for the years 1974 - 1985 -- and, for 1986 through 1989, the additional offences of *impaired operation of a motor vehicle, vessel, or aircraft* (i.e., impaired operation causing death, causing bodily harm, or over 80 mg%) and *failing or refusing to provide a breath or blood sample*. **Rates** of persons charged with such offences are the *number of persons charged per 100,000 population*.

**3.2.4 Measuring the Magnitude of the Problem Over Time.** As a means to assess changes in the alcohol-crash problem over time, this report describes trends in such common "indicators" as: (1) the number and percentage of drinking drivers involved in traffic crashes; (2) the number and percentage of driver fatalities with BACs over 80 mg%; and (3) rates of crash-involved drinking drivers per 1,000 population and per 1,000 licensed drivers.

The ratio of crash-involved *drinking* drivers to crash-involved "normal" drivers -- the Problem Index, described in the previous Statistical Yearbook -- is also presented as a measure to track the alcohol-crash problem over time. Because many factors -- such as weather conditions, seasonal patterns of weather and driving, the state of the economy -- can influence the total number of traffic crashes, simply counting the number of drinking drivers involved in crashes would not reveal whether changes from year to year were the result of specific drinking-driving countermeasure efforts or a consequence of the many other conditions and forces that may have caused the number of all crashes to change. The ratio of drinking driver crashes to nondrinking driver crashes, however, essentially controls for factors that exert a general influence on motor vehicle crash rates and permits an assessment of the extent to which the number of crash-involved drinking drivers has changed **relative to** the number of crash-involved "normal" drivers. Drinking-driving countermeasure efforts would be expected to have a differential impact on crashes involving drinking drivers; if this occurred, it would be shown by a decrease in the Problem Index.

In the following sections, the drinking-driving statistics described above are presented to review the magnitude and characteristics of the problem in Ontario during 1988 and 1989, differences among counties and regional municipalities, and trends in drinking and driving. Detailed tables containing the data described in the following sections are presented in Appendix A. Statistics for each county and regional municipality are presented in Appendix B.

### 3.3 Magnitude of the Problem and Characteristics of Crash-Involved Drivers

Figures 1a and 1b (1988 and 1989, respectively) show the percent of drivers involved in traffic crashes in Ontario reported as normal, had been drinking (HBD), or ability impaired by alcohol. About 4.9% of all crash-involved drivers in 1988 (19,819) and 3.5% (17,488) in 1989 were reported to have consumed alcohol prior to the crash (i.e., had been drinking and impaired, combined).

Figures 2a and 2b show the distribution of crashes involving drinking drivers and normal drivers across the four seasons. If collisions were evenly distributed across the seasons, then 25% of them would occur in each season. (The line denoting the average illustrates this). Values above the line show a greater percent than expected; values below it, a lower than expected frequency. As can be seen, normal drivers have more of their crashes in winter (December, January, and February) and less than expected in the spring (March, April, and May). Drinking drivers crash more frequently in the summer (June, July, and August) and fall (September, October, and November) and less frequently in the winter. The smaller number of drinking drivers in crashes during winter may, to some extent, reflect the impact of drinking-driving countermeasures.

Figures 3a and 3b group normal and impaired drivers by hour of crash for 1988 and 1989, respectively. In both years, the majority of drivers reported by police as normal crashed between 9 a.m. and 3 p.m. In contrast, most impaired drivers crashed between 6 p.m. and midnight.

Figures 4a and 4b present the percentage of drinking and normal drivers involved in crashes according to day of week for 1988 and 1989, respectively. From Monday to Thursday, the percent of normal drivers involved in crashes exceeds that of drinking drivers. On Saturday and Sunday, however, a greater proportion of crashes involving drinking drivers occur. Over 25% of the collisions of drinking drivers occur on Saturday, primarily during early morning and late evening hours.

Figure 5 shows the percentage of each age group among crash-involved drivers judged impaired by police in 1988 and 1989. *Drivers age 25-34 accounted for over one-third of crash-involved impaired drivers in both 1988 and 1989.* Drivers

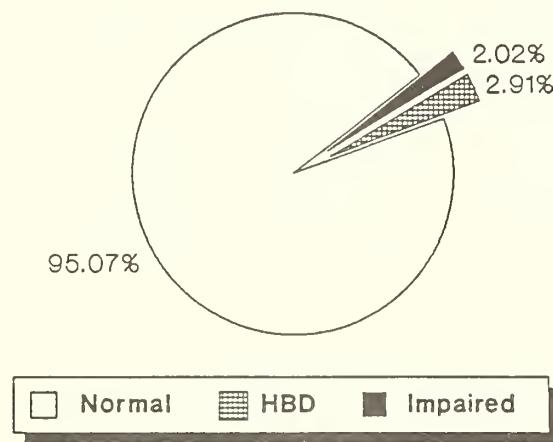
age 19-24 were the second largest group in both years, accounting for just over 20% of all crash-involved impaired drivers. The youngest (i.e., 16-18 years) and oldest groups (over 65 years) comprised the smallest proportions of crash-involved impaired drivers in both years.

Figures 6a and 6b (for male drivers) and Figures 7a and 7b (for female drivers) present comparative information on different age groups in the licensed-driver and crash-involved populations for 1988 and 1989, respectively. The vertical axis indicates the percentage of each population that an age group represented in each year. Figures 6a and 6b show that in both 1988 and 1989 male drivers aged 16-18, 19-24 and 25-34 were overrepresented both among crash-involved drinking drivers and normal drivers, relative to their representation in the male licensed driver population. For example, 19-24 year old males comprised 12% of all male licensed drivers in 1988 but 27% of all male crash-involved drinking drivers. A very similar pattern is evident for female drivers in both 1988 and 1989 (Figures 7a and 7b, respectively). Female drivers age 16-18, 19-24, and 25-34 are overrepresented among crash-involved drinking and normal drivers, relative to their representation in the female licensed driver population.

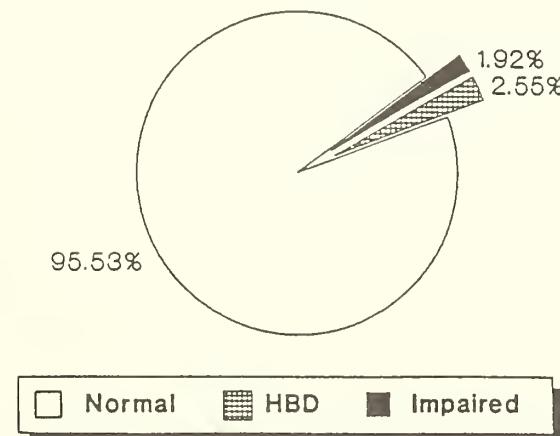
Figure 8 displays the "Problem Index" (PI) for each age group of crash-involved drivers in 1987, 1988, and 1989. The Problem Index is simply the number of crash-involved drinking drivers divided by the number of crash-involved normal drivers with the result multiplied by 100. The PI indicates the degree to which drinking and driving is a problem in each age group. Drivers age 19-24 and 25-34 have the highest PIs among all age groups.

Combining all age groups gives a PI value for the province as a whole; this dropped steadily from 1987 through 1989.

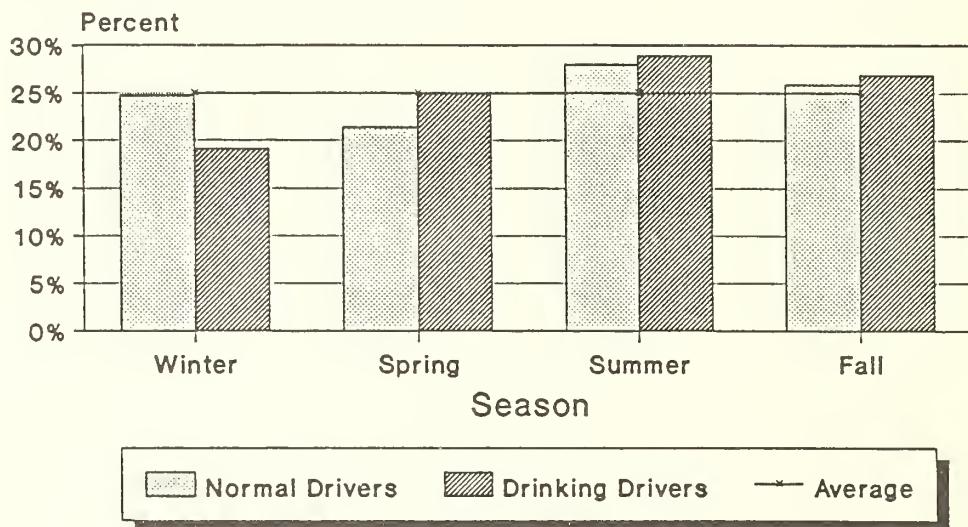
**Figure 1a**  
Condition of Drivers Involved  
in Traffic Crashes (1988)



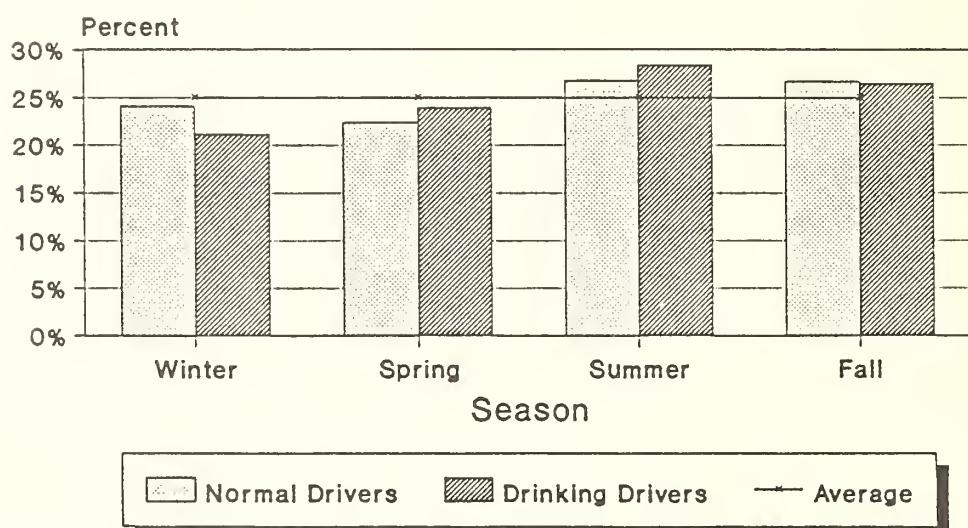
**Figure 1b**  
Condition of Drivers Involved  
in Traffic Crashes (1989)



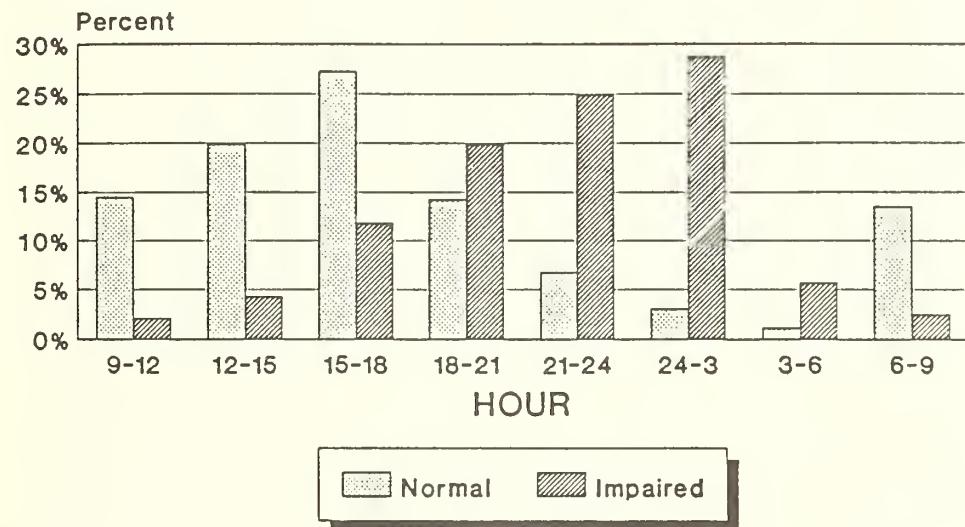
**Figure 2a**  
**Normal and Drinking Drivers in Crashes:**  
**Drivers Grouped By Season (1988)**



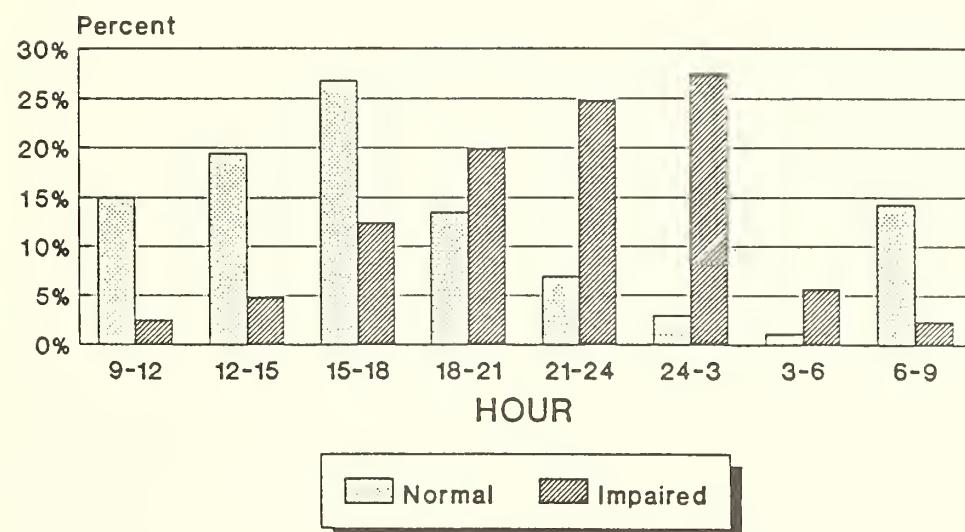
**Figure 2b**  
**Normal and Drinking Drivers in Crashes:**  
**Drivers Grouped By Season (1989)**



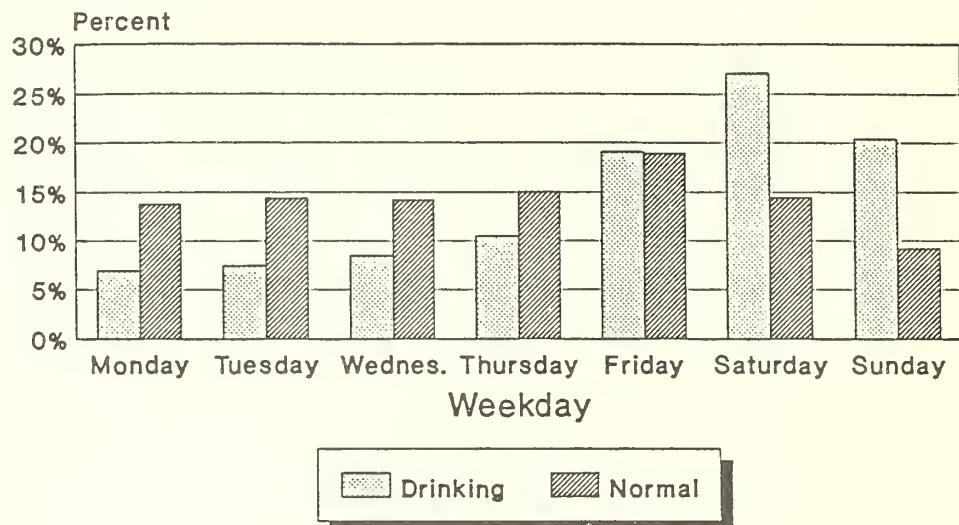
**Figure 3a**  
**Normal and Drinking Drivers Grouped  
 by Hour of Crash (1988)**



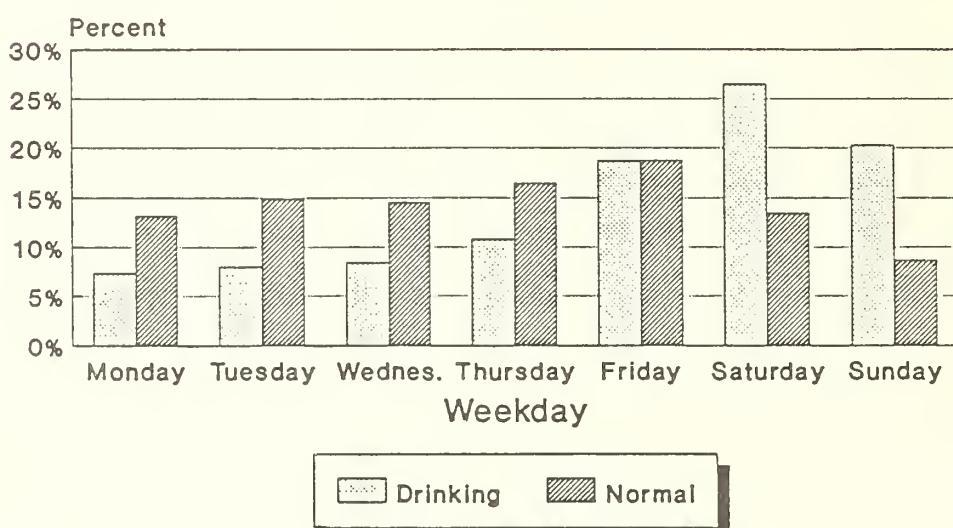
**Figure 3b**  
**Normal and Drinking Drivers Grouped  
 by Hour of Crash (1989)**



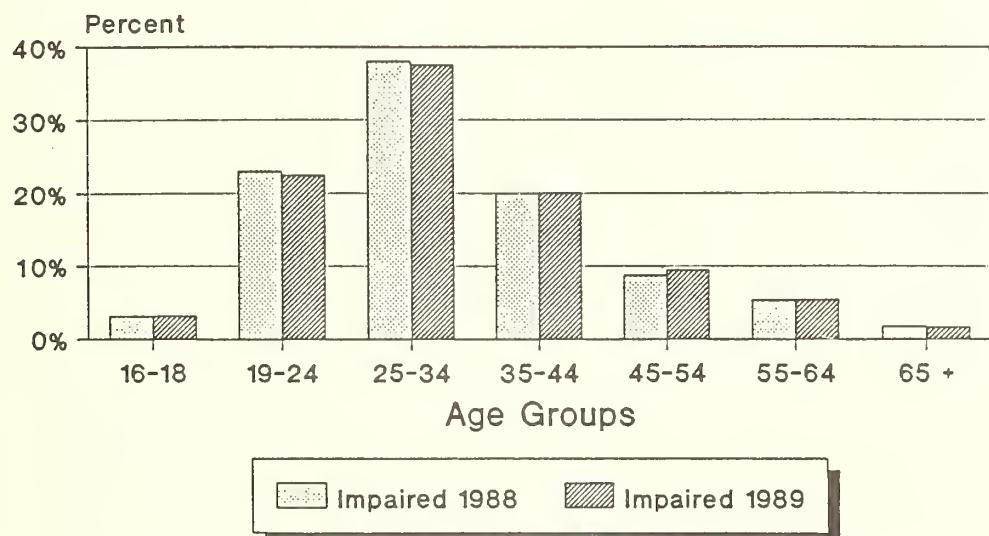
**Figure 4a**  
**Drinking Drivers Involved in Crashes:**  
**Drivers Grouped by Day of Week, 1988**



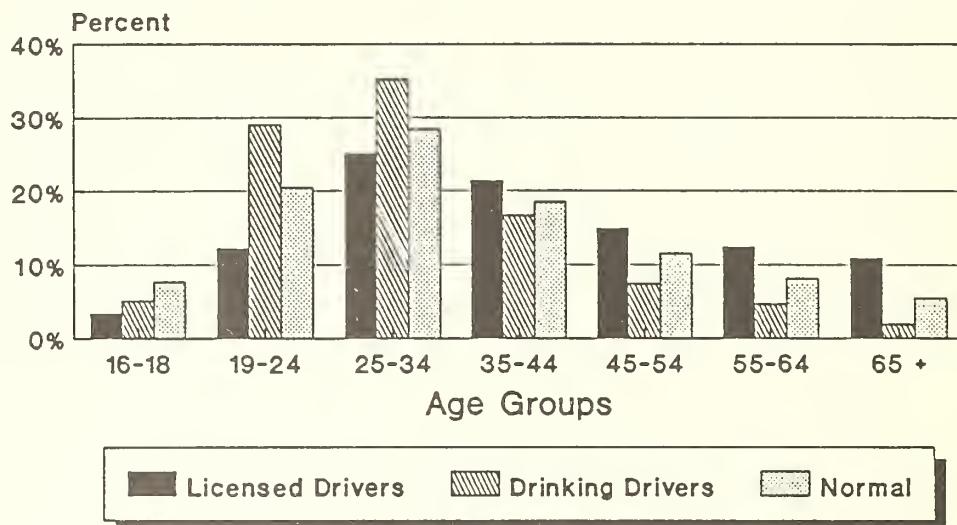
**Figure 4b**  
**Drinking Drivers Involved in Crashes:**  
**Drivers Grouped by Day of Week, 1989**



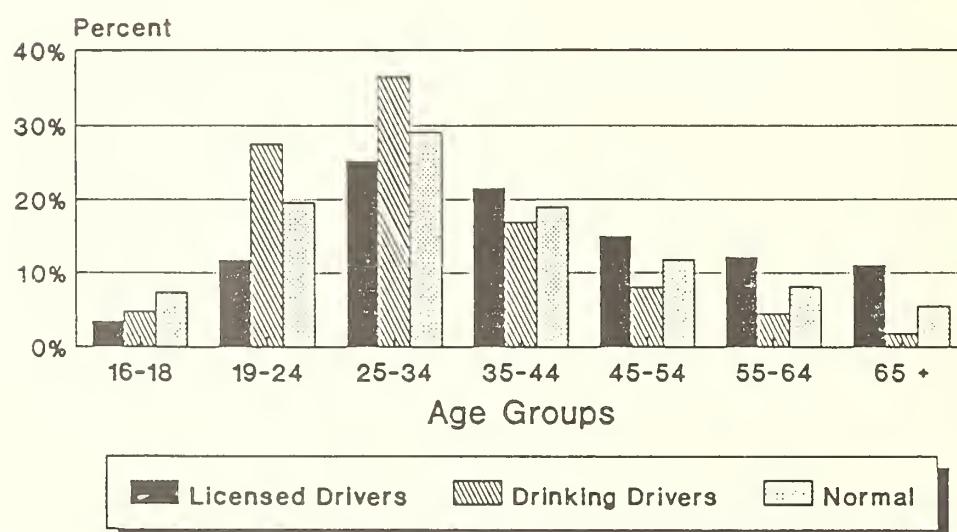
**Figure 5**  
**Crash-Involved Drivers Judged Impaired by Alcohol: Drivers Grouped by Age**



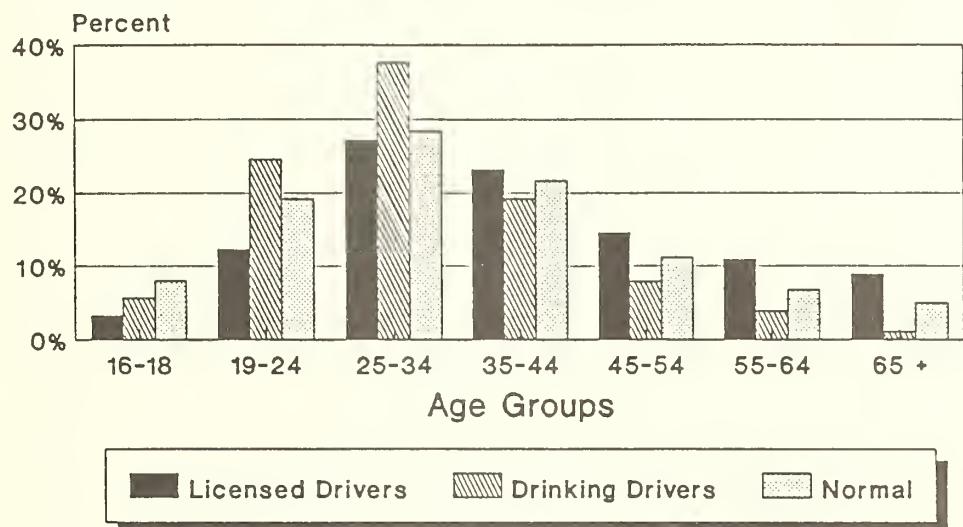
**Figure 6a**  
 Percentage of Age Groups as Licensed  
 and Crash-Involved Male Drivers, 1988



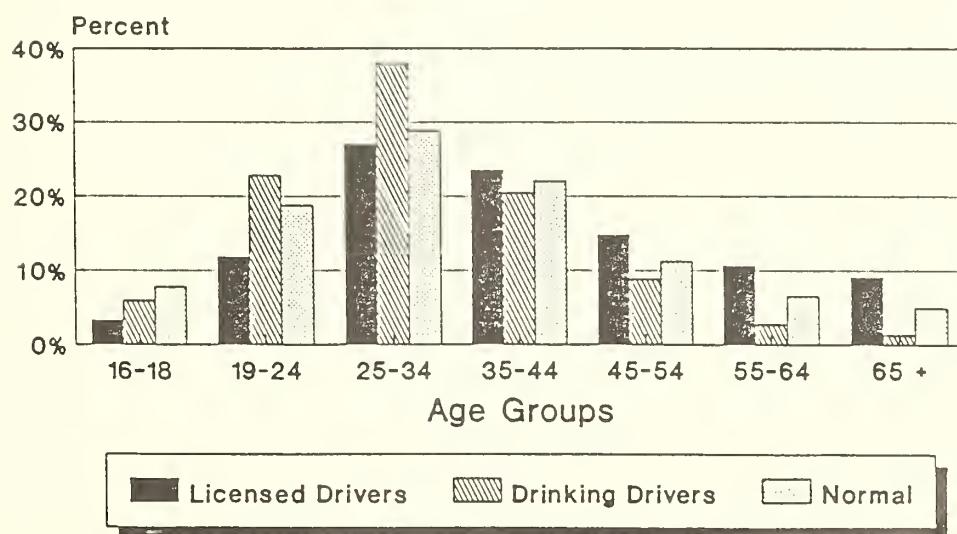
**Figure 6b**  
 Percentage of Age Groups as Licensed  
 and Crash-Involved Male Drivers, 1989



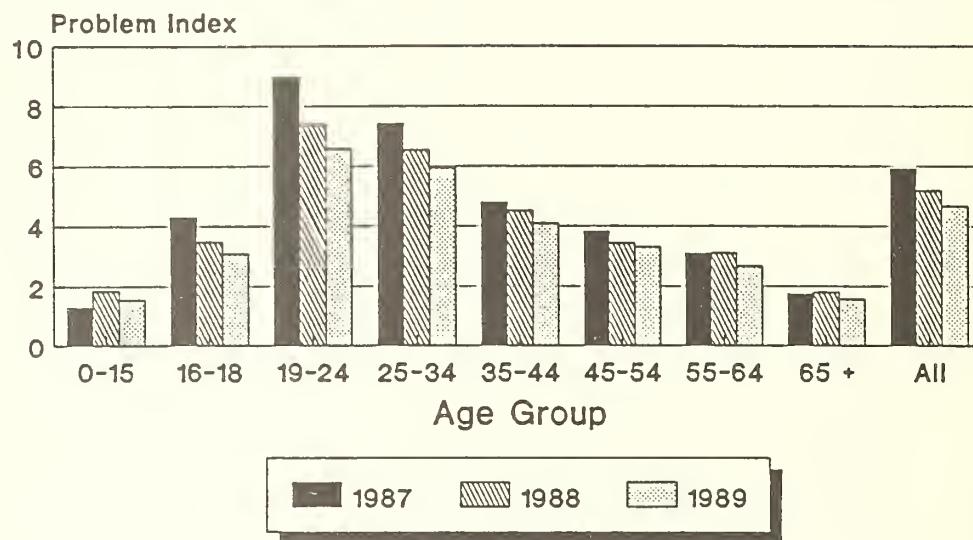
**Figure 7a**  
 Percentage of Age Groups as Licensed  
 and Crash-Involved Female Drivers, 1988



**Figure 7b**  
 Percentage of Age Groups as Licensed  
 and Crash-Involved Female Drivers, 1989



**Figure 8**  
**Drivers Involved in Traffic Crashes:**  
**Ratio of Drinking to Normal Drivers**



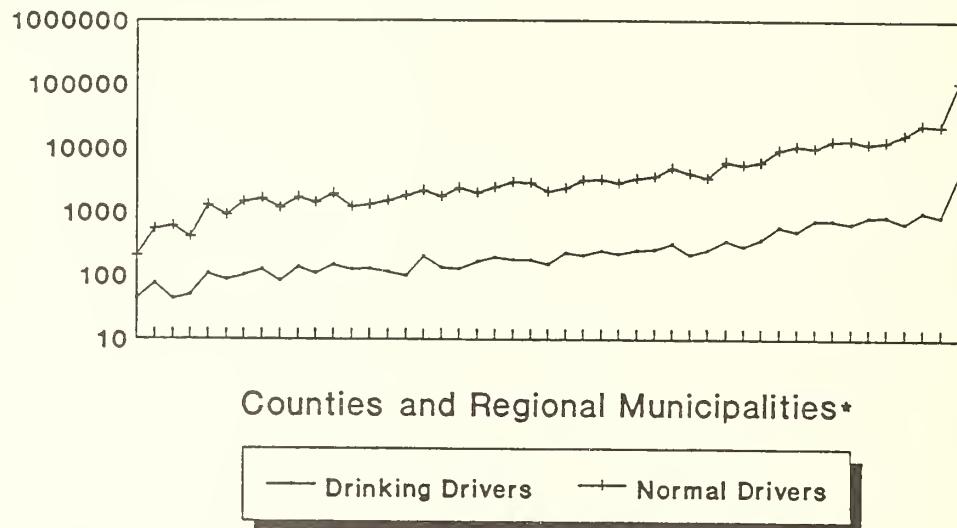
### 3.4 The Problem of Drinking and Driving in Ontario: Counties and Regional Municipalities

Although the problem of drinking and driving exists throughout the province, its magnitude varies considerably among counties and regional municipalities. It is perhaps not surprising that the police report greater numbers of crash-involved drinking drivers in areas with greater populations. For example, in Figures 9a and 9b, the numbers of normal and drinking drivers involved in crashes are displayed for counties and regional municipalities, ordered by increasing population, for 1988 and 1989, respectively. As population increases, so too do the numbers of both normal and drinking drivers involved in crashes. Note that the numbers on the vertical axis increase by a factor of 10 (i.e., log scale). While this allows the numbers to be displayed on a single graph, it compresses the magnitude of the differences in the number of crashes between regions. For example, the number of drinking driver crashes in 1988 (Figure 9a) varies from 43 in Rainy River to 4,029 in Metropolitan Toronto and York County. (The actual number of crash-involved normal and drinking drivers for each county and regional municipality in 1988 and 1989 can be found in Appendix A, Tables 10A and 10B, and in more detail in Appendix B).

Figures 10a and 10b chart rates of crash-involved drinking and normal drivers per 1,000 population for each county and regional municipality in 1988 and 1989, respectively. Again, counties and regional municipalities are arranged in order of increasing population. In both 1988 and 1989, areas with greater populations generally had higher rates of crash-involved normal drivers and lower rates of crash-involved drinking drivers. Some areas with small populations had high rates of crashes for both normal and drinking drivers.

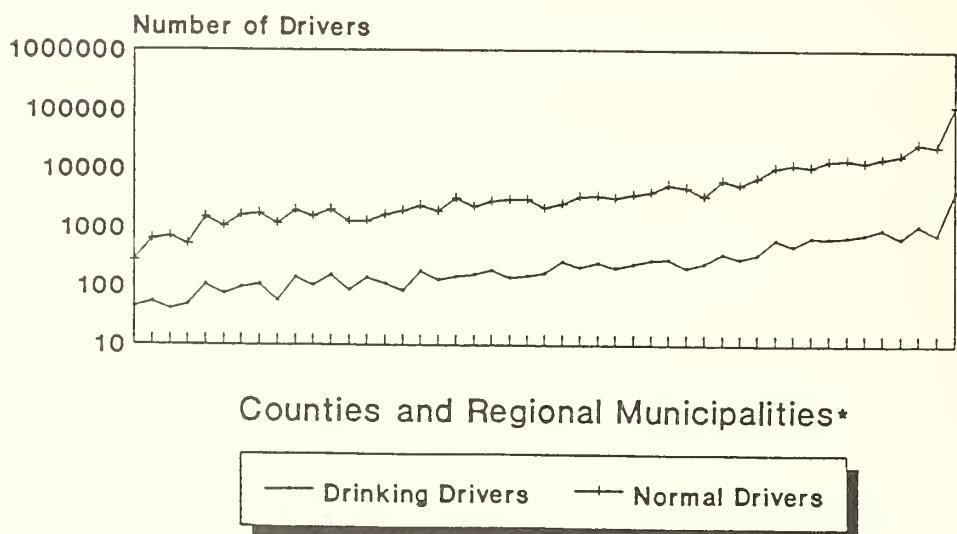
Figures 11a and 11b display the Problem Index -- the ratio of drinking to normal drivers involved in crashes -- for counties and regional municipalities for 1988 and 1989, respectively. As in previous figures, counties and regional municipalities are arranged in order of increasing population. In general, there is a tendency for jurisdictions with greater populations to have lower PI values.

**Figure 9a**  
**Number of Drinking and Normal Drivers**  
**Involved in Traffic Crashes, 1988**



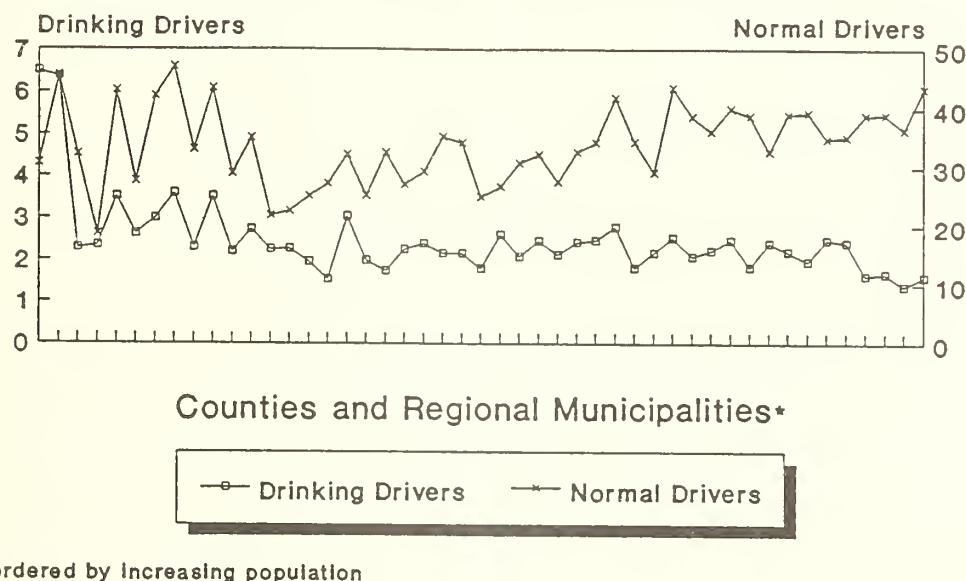
\* ordered by increasing population

**Figure 9b**  
**Number of Drinking and Normal Drivers**  
**Involved in Traffic Crashes, 1989**



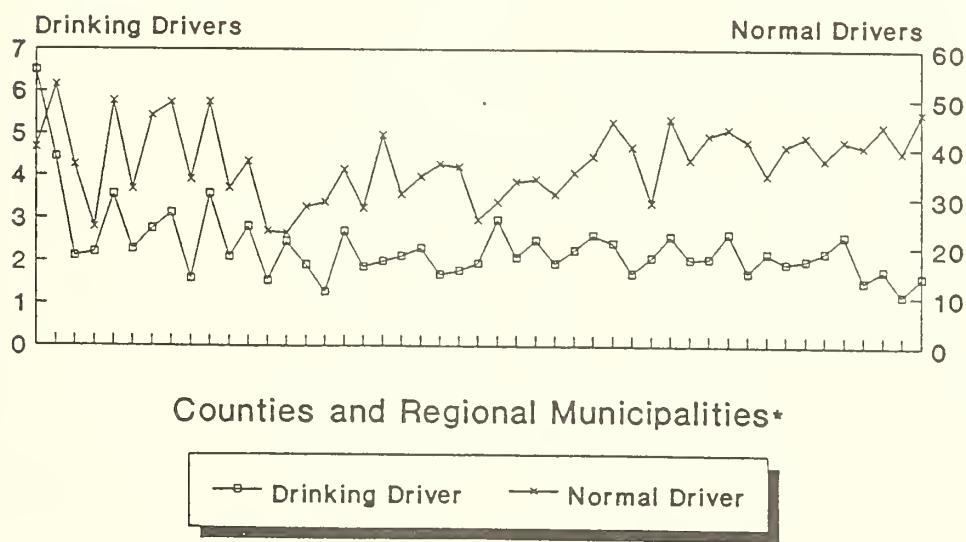
\* ordered by increasing population

**Figure 10a**  
**Crash-Involved Drinking and Normal Drivers Per 1,000 Population, 1988**



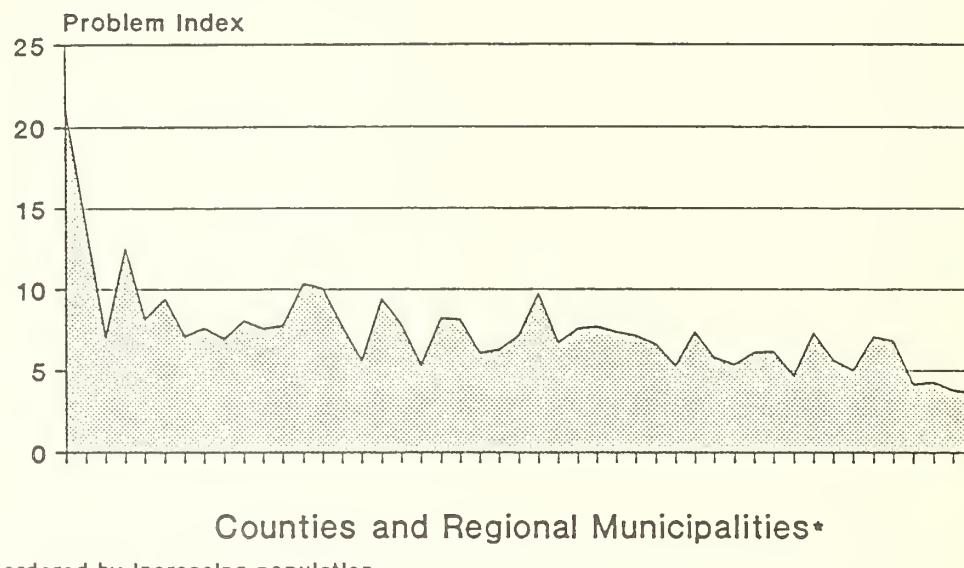
\* ordered by increasing population

**Figure 10b**  
**Crash-Involved Drinking and Normal Drivers Per 1,000 Population, 1989**

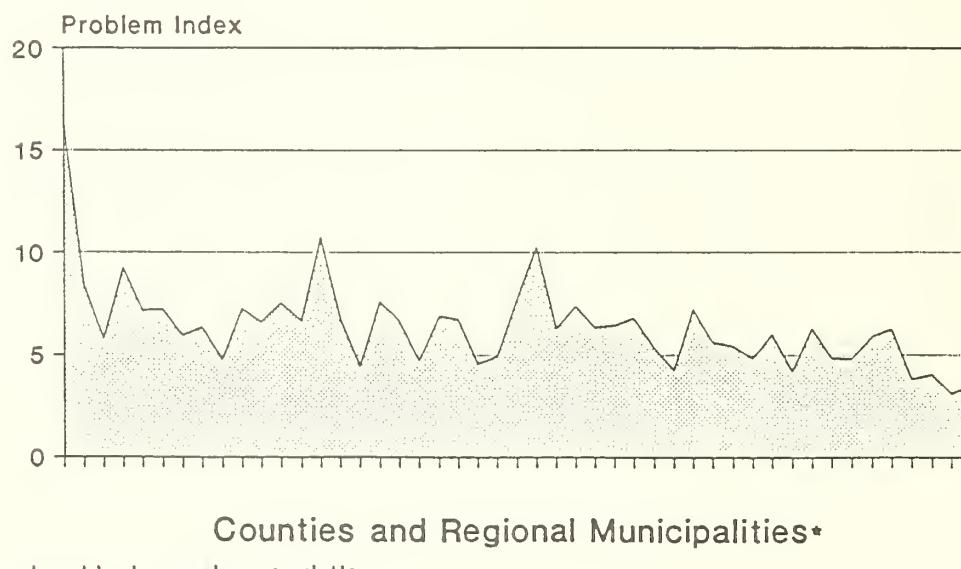


\* ordered by increasing population

**Figure 11a**  
**Indexing the Problem of Drinking and**  
**Driving: The Problem Index 1988**



**Figure 11b**  
**Indexing the Problem of Drinking and**  
**Driving: The Problem Index 1989**



### 3.5 Trends in Drinking and Driving in Ontario

This section examines trends in drinking and driving in Ontario over the past several years using a number of indicators of the problem.

Figure 12 displays the number of crash-involved drinking male and female drivers from 1980 through 1989. The actual number of crash-involved drinking drivers declined from over 30,000 in 1980 to 17,488 in 1989 -- a **42% decrease!** The decrease was greater for male crash-involved drinking drivers (a 43% decline) than for females (30%). However, the large decreases in the number of crash-involved drinking drivers evident during the early 1980s have leveled off and *since 1986, the annual number of crash-involved drinking drivers has remained relatively stable.*

Other indicators reveal a similar trend. Figure 13 presents trends in two different rates -- the number of crash-involved drinking drivers per 1,000 licensed drivers and per 1,000 population, from 1980 though 1989. During this period, the number of crash-involved drinking drivers per 1,000 licensed drivers dropped 58%, from 6.63 to 2.78; the rate per 1,000 population fell 45%, from 3.50 to 1.92. Again, however, the rather dramatic decreases observed in the early 1980s slowed later in the decade. Since 1986, the number of crash-involved drinking drivers per 1,000 licensed drivers decreased by 9%; the rate per 1,000 population has declined by only 1%.

Figure 14 presents the annual number of crash-involved normal and drinking drivers from 1980 through 1989. While Figures 12 and 13 showed sizable decreases in the number and rates of drinking drivers involved in crashes in the 1980s, these reductions pale by comparison to the magnitude of the *increase* in the number of crash-involved normal drivers. Since 1983, the number of crash-involved normal drivers has increased by 41% (from 264,795 to 373,655). Thus the decrease in crash-involved drinking drivers must be viewed against a backdrop of an increase in the number of crashes involving nondrinking drivers. When these two opposite trends are combined, they produce the dramatic decrease in the Problem Index also shown in Figure 14.

The real success of drinking-driving countermeasures during the 1980s is perhaps not so much demonstrated by the small, but significant, reductions in the number of crash-involved drinking drivers but, rather, in the fact that such crashes *did not increase* along with the number of crash-involved normal drivers.

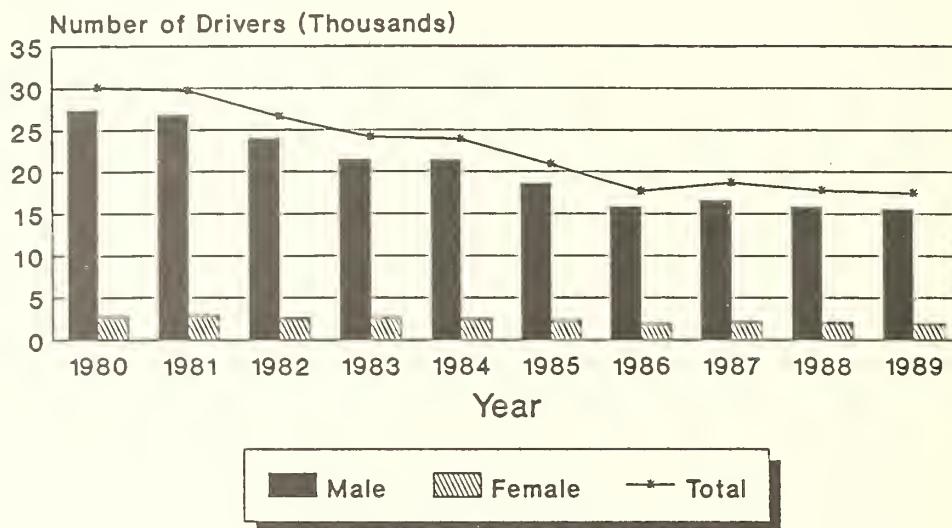
Another indicator of the magnitude of the alcohol-crash problem is data on alcohol use among **automobile** driver fatalities. Figure 15 displays the number of nondrinking (i.e., zero BAC) driver fatalities and those with BACs in excess of the legal limit (i.e., 80 mg%) in Ontario from 1973 through 1989. Of interest, in almost every year prior to 1982, the number of fatally injured drivers with BACs over 80 mg% exceeded the number of nondrinking driver fatalities. Since then, the number of driver fatalities with illegal BACs has dropped 24% -- from 159 in 1982 to 121 in 1989. In contrast, over the same period of time, the number of nondrinking driver fatalities has increased 49% -- from 168 in 1982 to 251 in 1989.

The number of persons charged with impaired driving offences each year is another indicator of trends in drinking and driving. While these data will undoubtedly include some individuals who are charged with impaired driving on more than one occasion in a year, they do reflect the number of times a police officer arrests and charges a driver with an impaired driving offence. Figure 16 presents these data for Ontario from 1974 through 1989. Also included is the rate (i.e., the number of persons charged per 100,000 population). Until 1984, the annual number of persons charged in Ontario with impaired driving stayed fairly constant, ranging from 42,900 in 1976 to 46,700 in 1981. Since 1984, however, the number of persons charged has declined. In 1989, 37,969 persons were charged with an impaired driving offence in Ontario. It is of interest to note, however, that Ontario was the only province in Canada to record an increase in the number of persons charged from 1988 to 1989.

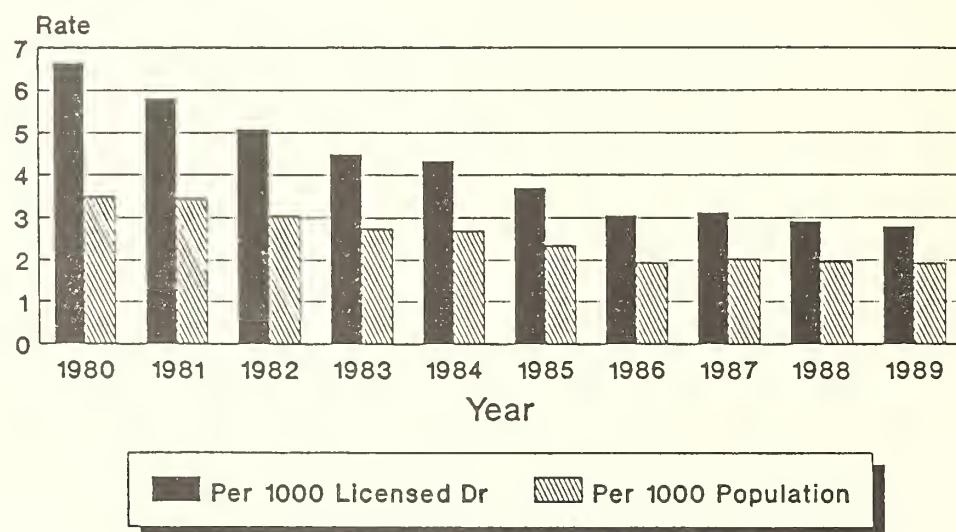
Interpreting changes in these data is not without problems. First, law enforcement statistics do not measure the frequency of impaired driving behaviour, a task for which roadside surveys are better suited. Second, enforcement practices may have a profound effect on the number of persons who are charged. For example, decreased enforcement would likely reduce the number of persons charged, without necessarily affecting the number of persons who drive after drinking. Decreased enforcement would, therefore, help explain

the reduction in charges witnessed over the past several years. But compared to previous years, the increased use of roadside checkstops in Ontario has actually increased enforcement levels. These high profile roadside checkstops -- often referred to as the RIDE program -- when combined with extensive media coverage, may actually serve to deter some individuals from driving after consuming alcohol. In any event, caution is urged in interpreting the meaning of charge statistics.

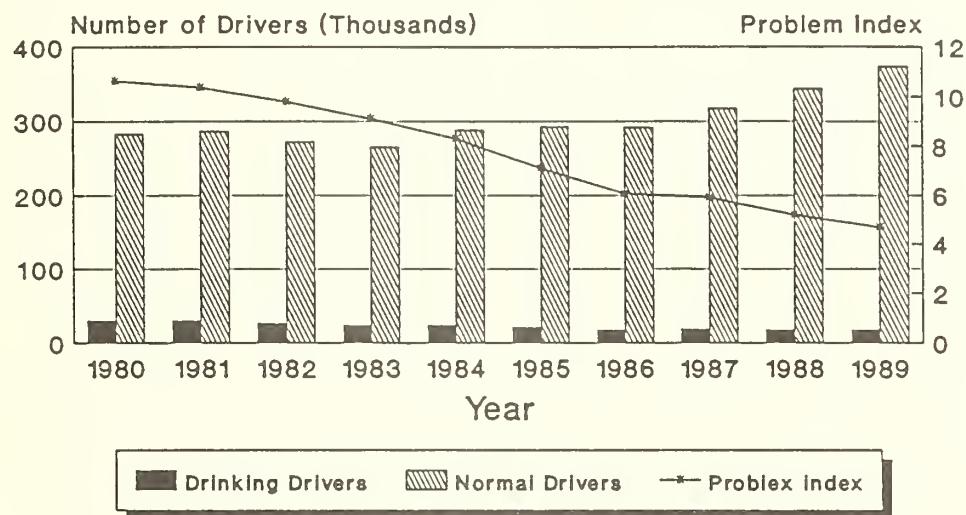
**Figure 12**  
**Number of Drinking Drivers Involved in  
Traffic Crashes, 1980-1989**



**Figure 13**  
**Trends in Rates of Crash-Involved  
Drinking Drivers, 1980-1989**



**Figure 14**  
**Drinking and Normal Drivers in**  
**Traffic Crashes, 1980-1989**



**Figure 15**  
**Alcohol Use Among Automobile Driver**  
**Fatalities in Ontario**

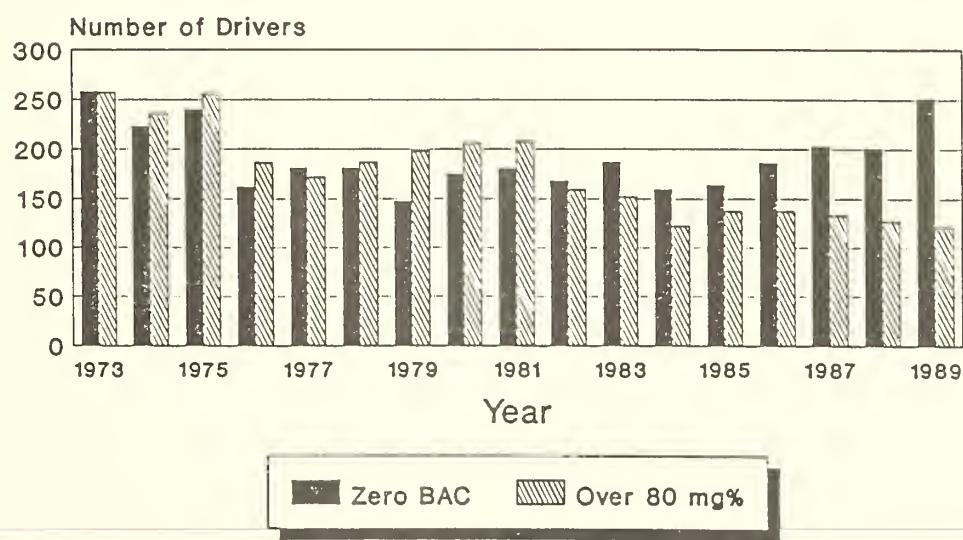
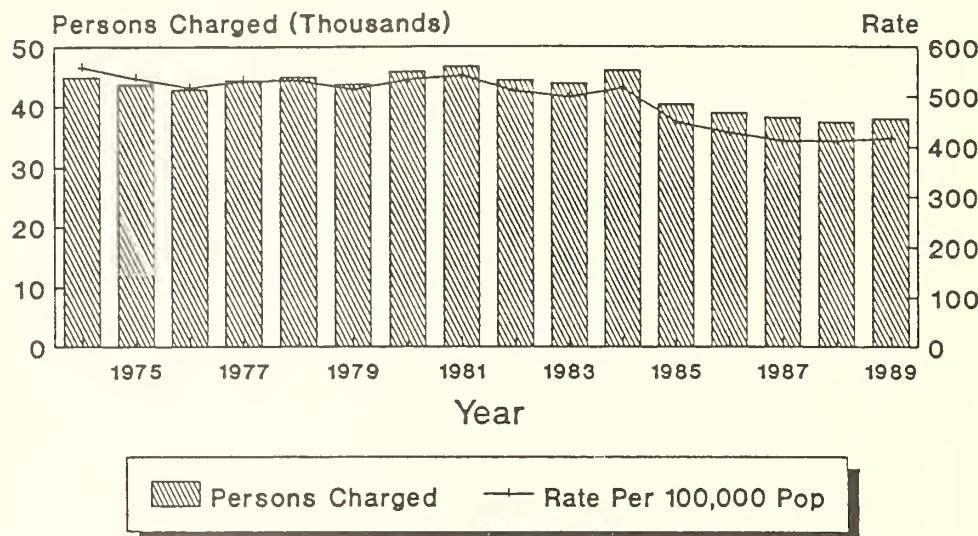


Figure 16  
Persons Charged with Impaired-Driving  
Offences, 1974-1989



## SOURCES OF MORE INFORMATION

Readers wishing more information on drinking and driving may either contact the Office of Drinking/Driving Countermeasures or refer to publications listed below.

### CONTACT:

Office of Drinking/Driving Countermeasures  
 Ministry of the Attorney General  
 720 Bay Street, 3rd Floor  
 M5G 2K1  
 Tel: (416) 326-4408

## REFERENCES

\*\*\* **Ontario Road Safety Annual Report for 1988-89,**  
 Ministry of Transportation.

**Source:** Transportation Regulation Development Branch  
 Safety Co-ordination and Development Office  
 West Building  
 1201 Wilson Avenue  
 Downsview, Ontario  
 M3M 1J8  
 Tel: (416) 235-3585

\*\*\* **Impaired Driving Statistics, 1989**  
*Juristat Service Bulletin*, Vol. 10, No. 17, October, 1990.  
 (Catalogue 85-002)

**Source:** Statistics Canada

*This and other Statistics Canada publications may be purchased from local authorized and other community bookstores, through local Statistics Canada offices, or by mail order to Publication Sales and Services, Ottawa, K1A 0T6.*

\*\*\* **Alcohol Use By Persons Fatally Injured in Motor Vehicle Accidents: 1988 and the Past Ten Years**  
 (Leaflet TP2436)

**Source:** Road Safety and Motor Vehicle Regulation Directorate  
 Transport Canada  
 Canada Building  
 344 Slater Street  
 Ottawa, Ontario  
 K1A 0N5



## **APPENDIX A**

### **DRINKING AND DRIVING IN ONTARIO**

**1988 - 1989 STATISTICS**



## APPENDIX A: CONTENTS

| <b>Table</b> | <b>Heading</b>   | <b>Page</b> |
|--------------|--|-------------|
| Table 1      | Drivers Involved in Traffic Crashes: Ontario, 1980-1989  | A-5         |
| Table 2A     | Age of Drivers Involved in Traffic Crashes: Ontario, 1988  | A-6         |
| Table 2B     | Age of Drivers Involved in Traffic Crashes: Ontario, 1989  | A-7         |
| Table 3A     | Drivers in Traffic Crashes: Hour of Crash: Ontario, 1988   | A-8         |
| Table 3B     | Drivers in Traffic Crashes: Hour of Crash: Ontario, 1989   | A-9         |
| Table 4A     | Drivers in Traffic Crashes: Day of Week: Ontario, 1988   | A-10        |
| Table 4B     | Drivers in Traffic Crashes: Day of Week: Ontario, 1989   | A-11        |
| Table 5A     | Drivers in Traffic Crashes: Month of Year: Ontario, 1988   | A-12        |
| Table 5B     | Drivers in Traffic Crashes: Month of Year: Ontario, 1989   | A-14        |
| Table 6      | Drinking Drivers in Traffic Crashes: Annual Number, Rate Per 1,000 Population, and Rate per 1,000 Licensed Drivers: Ontario, 1980 - 1989 | A-16        |
| Table 7A     | Age and Sex of Drivers in Licensed and Crash-Involved Populations: Ontario, 1988   | A-17        |
| Table 7B     | Age and Sex of Drivers in Licensed and Crash-Involved Populations: Ontario, 1989   | A-18        |
| Table 8A     | Alcohol Use Among Driver Fatalities: Ontario, 1988   | A-19        |
| Table 8B     | Alcohol Use Among Driver Fatalities: Ontario, 1989   | A-20        |
| Table 9      | Alcohol Use Among Driver Fatalities: Ontario, 1973 - 1989  | A-21        |
| Table 10A    | Normal and Drinking Drivers Involved in Crashes During 1988: Rates for Ontario's Counties and Regional Municipalities                    | A-22        |
| Table 10B    | Normal and Drinking Drivers Involved in Crashes During 1989: Rates for Ontario's   | A-23        |



Table 1

**DRIVERS INVOLVED IN TRAFFIC CRASHES**  
**ONTARIO, 1980 - 1989**

| Year<br>&<br>Sex | Property Damage |      |       |        | Personal Injury |      |       |        | Fatal |     |     |      | Total |       |       |        |
|------------------|-----------------|------|-------|--------|-----------------|------|-------|--------|-------|-----|-----|------|-------|-------|-------|--------|
|                  | HBD             | IMP  | D/D   | NOR    | HBD             | IMP  | D/D   | NOR    | HBD   | IMP | D/D | NOR  | HBD   | IMP   | D/D   | NOR    |
| <b>Male</b>      |                 |      |       |        |                 |      |       |        |       |     |     |      |       |       |       |        |
| 1980             | 9084            | 4978 | 14062 | 139166 | 8389            | 4303 | 12692 | 70433  | 272   | 321 | 593 | 940  | 17745 | 9602  | 27347 | 210539 |
| 1981             | 8951            | 4965 | 13916 | 140433 | 8193            | 4187 | 12380 | 70773  | 213   | 287 | 500 | 907  | 17357 | 9439  | 26796 | 212113 |
| 1982             | 7984            | 4319 | 12303 | 133222 | 7393            | 3786 | 11179 | 66244  | 182   | 267 | 449 | 763  | 15559 | 8372  | 23931 | 200229 |
| 1983             | 6811            | 3923 | 10734 | 125835 | 6653            | 3568 | 10221 | 65271  | 162   | 319 | 481 | 820  | 13626 | 7810  | 21436 | 191926 |
| 1984             | 6822            | 3931 | 10753 | 135973 | 6465            | 3641 | 10106 | 71168  | 190   | 264 | 454 | 851  | 13477 | 7836  | 21313 | 207992 |
| 1985             | 5302            | 3244 | 8546  | 127478 | 6041            | 3562 | 9603  | 81791  | 162   | 243 | 405 | 833  | 11505 | 7049  | 18554 | 210102 |
| 1986             | 4370            | 2816 | 7186  | 124164 | 4869            | 3364 | 8233  | 81920  | 135   | 254 | 389 | 842  | 9374  | 6434  | 15808 | 206926 |
| 1987             | 4562            | 2947 | 7509  | 132016 | 5005            | 3680 | 8685  | 90362  | 133   | 259 | 392 | 939  | 9700  | 6886  | 16586 | 223317 |
| 1988             | 4800            | 3216 | 8016  | 156928 | 4271            | 3110 | 7381  | 82678  | 144   | 231 | 375 | 905  | 9215  | 6557  | 15772 | 240511 |
| 1989             | 4861            | 3403 | 8264  | 174450 | 3769            | 3201 | 6970  | 83832  | 177   | 145 | 322 | 964  | 8807  | 6749  | 15556 | 259246 |
| <b>Female</b>    |                 |      |       |        |                 |      |       |        |       |     |     |      |       |       |       |        |
| 1980             | 861             | 388  | 1249  | 46181  | 1084            | 367  | 1451  | 26057  | 30    | 24  | 54  | 228  | 1975  | 779   | 2754  | 72466  |
| 1981             | 929             | 462  | 1391  | 47595  | 1097            | 403  | 1500  | 26669  | 23    | 21  | 44  | 188  | 2049  | 886   | 2935  | 74452  |
| 1982             | 911             | 364  | 1275  | 46395  | 992             | 341  | 1333  | 25229  | 21    | 28  | 49  | 171  | 1924  | 733   | 2657  | 71795  |
| 1983             | 888             | 402  | 1290  | 46283  | 981             | 362  | 1343  | 26357  | 14    | 20  | 34  | 229  | 1883  | 784   | 2667  | 72869  |
| 1984             | 851             | 438  | 1289  | 51207  | 869             | 373  | 1242  | 28600  | 26    | 18  | 44  | 221  | 1746  | 829   | 2575  | 80028  |
| 1985             | 680             | 376  | 1056  | 48541  | 858             | 351  | 1209  | 34123  | 17    | 23  | 40  | 218  | 1555  | 750   | 2305  | 82882  |
| 1986             | 519             | 332  | 851   | 48940  | 688             | 345  | 1033  | 35899  | 8     | 23  | 31  | 229  | 1215  | 700   | 1915  | 85068  |
| 1987             | 542             | 338  | 880   | 53192  | 829             | 396  | 1225  | 40537  | 18    | 28  | 46  | 277  | 1389  | 762   | 2151  | 94006  |
| 1988             | 635             | 371  | 1006  | 64388  | 644             | 365  | 1009  | 38244  | 19    | 13  | 32  | 248  | 1298  | 749   | 2047  | 102880 |
| 1989             | 591             | 382  | 973   | 74118  | 575             | 355  | 930   | 40022  | 14    | 15  | 29  | 269  | 1180  | 752   | 1932  | 114409 |
| <b>Total</b>     |                 |      |       |        |                 |      |       |        |       |     |     |      |       |       |       |        |
| 1980             | 9945            | 5366 | 15311 | 185347 | 9473            | 4670 | 14143 | 96490  | 302   | 345 | 647 | 1168 | 19720 | 10381 | 30101 | 283005 |
| 1981             | 9880            | 5427 | 15307 | 188028 | 9290            | 4590 | 13880 | 97442  | 236   | 308 | 544 | 1095 | 19406 | 10325 | 29731 | 286565 |
| 1982             | 8895            | 4683 | 13578 | 179617 | 8385            | 4127 | 12512 | 91473  | 203   | 295 | 498 | 934  | 17483 | 9105  | 26588 | 272024 |
| 1983             | 7699            | 4325 | 12024 | 172118 | 7634            | 3930 | 11564 | 91628  | 176   | 339 | 515 | 1049 | 15509 | 8594  | 24103 | 264795 |
| 1984             | 7673            | 4369 | 12042 | 187180 | 7334            | 4014 | 11348 | 99768  | 216   | 282 | 498 | 1072 | 15223 | 8665  | 23888 | 288020 |
| 1985             | 5982            | 3620 | 9602  | 176019 | 6899            | 3913 | 10812 | 115914 | 179   | 266 | 445 | 1051 | 13060 | 7799  | 20859 | 292984 |
| 1986             | 4889            | 3148 | 8037  | 173104 | 5557            | 3709 | 9266  | 117819 | 143   | 277 | 420 | 1071 | 10589 | 7134  | 17723 | 291994 |
| 1987             | 5104            | 3285 | 8389  | 185208 | 5834            | 4076 | 9910  | 130899 | 151   | 287 | 438 | 1216 | 11089 | 7648  | 18737 | 317323 |
| 1988             | 5435            | 3587 | 9022  | 221316 | 4915            | 3475 | 8390  | 120922 | 163   | 244 | 407 | 1153 | 10513 | 7306  | 17819 | 343391 |
| 1989             | 5452            | 3785 | 9237  | 248568 | 4344            | 3556 | 7900  | 123854 | 191   | 160 | 351 | 1233 | 9987  | 7501  | 17488 | 373655 |

KEY: HBD -- Drivers reported by police to have been drinking

IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

NOR -- Drivers whose condition was reported by police as "normal"

TABLE 2A. AGE OF DRIVERS INVOLVED IN TRAFFIC CRASHES: ONTARIO, 1988

| Sex & Age     | No. of Licensed Drivers | Property Damage |             |             | Personal Injury |             |             | Fatal       |               |            | Total      |            |             |
|---------------|-------------------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|---------------|------------|------------|------------|-------------|
|               |                         | HBD             | IMP         | D/D         | NOR             | HBD         | IMP         | D/D         | NOR           | HBD        | IMP        | D/D        | NOR         |
| <b>Male</b>   |                         |                 |             |             |                 |             |             |             |               |            |            |            |             |
| 0-15          | 0                       | 12              | 4           | 16          | 330             | 13          | 3           | 16          | 1305          | 0          | 0          | 0          | 17          |
| 16-18         | 116790                  | 295             | 96          | 391         | 11734           | 295         | 95          | 390         | 6500          | 10         | 14         | 24         | 71          |
| 19-24         | 412791                  | 1544            | 723         | 2267        | 31180           | 1430        | 734         | 2164        | 17344         | 59         | 71         | 130        | 142         |
| 25-34         | 847181                  | 1559            | 1203        | 2762        | 44746           | 1443        | 1226        | 2669        | 22729         | 39         | 82         | 121        | 251         |
| 35-44         | 719104                  | 692             | 656         | 1348        | 29260           | 628         | 582         | 1210        | 14748         | 14         | 36         | 50         | 159         |
| 45-54         | 500951                  | 373             | 282         | 655         | 18088           | 225         | 264         | 489         | 9199          | 12         | 13         | 25         | 110         |
| 55-64         | 417975                  | 219             | 183         | 402         | 12868           | 164         | 159         | 323         | 6567          | 5          | 9          | 14         | 76          |
| 65+           | 366964                  | 106             | 69          | 175         | 8722            | 73          | 47          | 120         | 4286          | 5          | 6          | 11         | 79          |
| <b>Total</b>  | <b>3381756</b>          | <b>4800</b>     | <b>3216</b> | <b>8016</b> | <b>156928</b>   | <b>4271</b> | <b>3110</b> | <b>7381</b> | <b>82678</b>  | <b>144</b> | <b>231</b> | <b>375</b> | <b>905</b>  |
| <b>Female</b> |                         |                 |             |             |                 |             |             |             |               |            |            |            |             |
| 0-15          | 0                       | 1               | 0           | 1           | 66              | 5           | 1           | 6           | 376           | 0          | 0          | 0          | 5           |
| 16-18         | 89172                   | 40              | 11          | 51          | 5072            | 52          | 10          | 62          | 3065          | 3          | 0          | 3          | 22          |
| 19-24         | 335702                  | 162             | 67          | 229         | 12017           | 184         | 82          | 266         | 7556          | 4          | 2          | 6          | 45          |
| 25-34         | 741335                  | 252             | 136         | 388         | 18263           | 241         | 128         | 369         | 10730         | 6          | 6          | 12         | 73          |
| 35-44         | 634737                  | 105             | 96          | 201         | 13957           | 98          | 84          | 182         | 8212          | 6          | 3          | 9          | 36          |
| 45-54         | 397152                  | 46              | 35          | 81          | 7205            | 40          | 38          | 78          | 4171          | 0          | 2          | 2          | 24          |
| 55-64         | 296291                  | 25              | 21          | 46          | 4481            | 16          | 18          | 34          | 2391          | 0          | 0          | 0          | 25          |
| 65+           | 241967                  | 4               | 5           | 9           | 3327            | 8           | 4           | 12          | 1743          | 0          | 0          | 0          | 18          |
| <b>Total</b>  | <b>2736356</b>          | <b>635</b>      | <b>371</b>  | <b>1006</b> | <b>64388</b>    | <b>644</b>  | <b>365</b>  | <b>1009</b> | <b>38244</b>  | <b>19</b>  | <b>13</b>  | <b>32</b>  | <b>248</b>  |
| <b>Total</b>  |                         |                 |             |             |                 |             |             |             |               |            |            |            |             |
| 0-15          | 0                       | 13              | 4           | 17          | 396             | 18          | 4           | 22          | 1681          | 0          | 0          | 0          | 22          |
| 16-18         | 205962                  | 335             | 107         | 442         | 16806           | 347         | 105         | 452         | 9565          | 13         | 14         | 27         | 93          |
| 19-24         | 748493                  | 1706            | 790         | 2496        | 43197           | 1614        | 816         | 2430        | 24900         | 63         | 73         | 136        | 187         |
| 25-34         | 1568516                 | 1811            | 1339        | 3150        | 63009           | 1684        | 1354        | 3038        | 33459         | 45         | 88         | 133        | 324         |
| 35-44         | 1353841                 | 797             | 752         | 1549        | 43217           | 726         | 666         | 1392        | 22960         | 20         | 39         | 59         | 195         |
| 45-54         | 898103                  | 419             | 317         | 736         | 25293           | 265         | 302         | 567         | 13370         | 12         | 15         | 27         | 134         |
| 55-64         | 714266                  | 244             | 204         | 448         | 17349           | 180         | 177         | 357         | 8958          | 5          | 9          | 14         | 101         |
| 65+           | 608931                  | 110             | 74          | 184         | 12049           | 81          | 51          | 132         | 6029          | 5          | 6          | 11         | 97          |
| <b>Total</b>  | <b>6118112</b>          | <b>5435</b>     | <b>3587</b> | <b>9022</b> | <b>221316</b>   | <b>4915</b> | <b>3475</b> | <b>8390</b> | <b>120922</b> | <b>163</b> | <b>244</b> | <b>407</b> | <b>1153</b> |

TABLE 2B. AGE OF DRIVERS INVOLVED IN TRAFFIC CRASHES: ONTARIO, 1989

TABLE 3A. DRIVERS IN TRAFFIC CRASHES: HOUR OF CRASH - ONTARIO, 1988

| Hour<br>of<br>Crash | Property Damage |             |             | Personal Injury |             |             | Fatal       |               |            | Total      |            |             |
|---------------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|---------------|------------|------------|------------|-------------|
|                     | HBD             | IMP         | D/D         | NOR             | HBD         | IMP         | D/D         | NOR           | HBD        | IMP        | D/D        | NOR         |
| <b>Male</b>         |                 |             |             |                 |             |             |             |               |            |            |            |             |
| 12am-3am            | 1341            | 933         | 2274        | 5077            | 1255        | 882         | 2137        | 2913          | 35         | 72         | 107        | 59          |
| 3am-6am             | 376             | 169         | 545         | 2068            | 394         | 177         | 571         | 1048          | 13         | 16         | 29         | 33          |
| 6am-9am             | 120             | 83          | 203         | 21397           | 108         | 72          | 180         | 9954          | 6          | 8          | 14         | 113         |
| 9am-12pm            | 98              | 79          | 177         | 23413           | 85          | 49          | 134         | 10936         | 7          | 4          | 11         | 124         |
| 12pm-3pm            | 239             | 139         | 378         | 31283           | 232         | 139         | 371         | 15872         | 7          | 7          | 14         | 140         |
| 3pm-6pm             | 687             | 394         | 1081        | 41417           | 497         | 355         | 852         | 22330         | 22         | 24         | 46         | 205         |
| 6pm-9pm             | 956             | 608         | 1564        | 21526           | 769         | 644         | 1413        | 13050         | 27         | 50         | 77         | 156         |
| 9pm-12am            | 959             | 792         | 1751        | 10452           | 907         | 777         | 1684        | 6435          | 24         | 48         | 72         | 75          |
| Unknown             | 24              | 19          | 43          | 295             | 24          | 15          | 39          | 140           | 3          | 2          | 5          | 0           |
| <b>Total</b>        | <b>4800</b>     | <b>3216</b> | <b>8016</b> | <b>156928</b>   | <b>4271</b> | <b>3110</b> | <b>7381</b> | <b>82678</b>  | <b>144</b> | <b>231</b> | <b>375</b> | <b>905</b>  |
| <b>Female</b>       |                 |             |             |                 |             |             |             |               |            |            |            |             |
| 12am-3am            | 225             | 108         | 333         | 1376            | 211         | 88          | 299         | 964           | 3          | 6          | 9          | 14          |
| 3am-6am             | 50              | 25          | 75          | 387             | 54          | 25          | 79          | 217           | 2          | 1          | 3          | 2           |
| 6am-9am             | 16              | 8           | 24          | 9323            | 25          | 9           | 34          | 5234          | 2          | 1          | 3          | 30          |
| 9am-12pm            | 18              | 9           | 27          | 9762            | 21          | 11          | 32          | 5218          | 0          | 0          | 0          | 39          |
| 12pm-3pm            | 31              | 14          | 45          | 13204           | 27          | 15          | 42          | 7604          | 2          | 0          | 2          | 38          |
| 3pm-6pm             | 66              | 45          | 111         | 18153           | 62          | 37          | 99          | 11080         | 3          | 0          | 3          | 53          |
| 6pm-9pm             | 88              | 70          | 158         | 8396            | 99          | 78          | 177         | 5391          | 3          | 1          | 4          | 43          |
| 9pm-12am            | 138             | 88          | 226         | 3640            | 141         | 102         | 243         | 2461          | 4          | 4          | 8          | 29          |
| Unknown             | 3               | 4           | 7           | 147             | 4           | 0           | 4           | 75            | 0          | 0          | 0          | 0           |
| <b>Total</b>        | <b>635</b>      | <b>371</b>  | <b>1006</b> | <b>64388</b>    | <b>644</b>  | <b>365</b>  | <b>1009</b> | <b>38244</b>  | <b>19</b>  | <b>13</b>  | <b>32</b>  | <b>248</b>  |
| <b>Total</b>        |                 |             |             |                 |             |             |             |               |            |            |            |             |
| 12am-3am            | 1566            | 1041        | 2607        | 6453            | 1466        | 970         | 2436        | 3877          | 38         | 78         | 116        | 73          |
| 3am-6am             | 426             | 194         | 620         | 2455            | 448         | 202         | 650         | 1265          | 15         | 17         | 32         | 35          |
| 6am-9am             | 136             | 91          | 227         | 30720           | 133         | 81          | 214         | 15188         | 8          | 9          | 17         | 143         |
| 9am-12pm            | 116             | 88          | 204         | 33175           | 106         | 60          | 166         | 16154         | 7          | 4          | 11         | 163         |
| 12pm-3pm            | 270             | 153         | 423         | 44487           | 259         | 154         | 413         | 23476         | 9          | 7          | 16         | 178         |
| 3pm-6pm             | 753             | 439         | 1192        | 59570           | 559         | 392         | 951         | 33410         | 25         | 24         | 49         | 258         |
| 6pm-9pm             | 1044            | 678         | 1722        | 29922           | 868         | 722         | 1590        | 18441         | 30         | 51         | 81         | 199         |
| 9pm-12am            | 1097            | 880         | 1977        | 14092           | 1048        | 879         | 1927        | 8896          | 28         | 52         | 80         | 104         |
| Unknown             | 27              | 23          | 50          | 442             | 28          | 15          | 43          | 215           | 3          | 2          | 5          | 0           |
| <b>Total</b>        | <b>5435</b>     | <b>3587</b> | <b>9022</b> | <b>221316</b>   | <b>4915</b> | <b>3475</b> | <b>8390</b> | <b>120922</b> | <b>163</b> | <b>244</b> | <b>407</b> | <b>1153</b> |

TABLE 3B. DRIVERS IN TRAFFIC CRASHES: HOUR OF CRASH - ONTARIO, 1989

| Hour<br>of<br>Crash | Property Damage |      |      | Personal Injury |      |      | Fatal |        |     | Total |     |        |
|---------------------|-----------------|------|------|-----------------|------|------|-------|--------|-----|-------|-----|--------|
|                     | HBD             | IMP  | D/D  | NOR             | HBD  | IMP  | D/D   | NOR    | HBD | IMP   | D/D | NOR    |
| <b>Male</b>         |                 |      |      |                 |      |      |       |        |     |       |     |        |
| 12am-3am            | 1418            | 974  | 2392 | 5588            | 1096 | 822  | 1918  | 2944   | 48  | 44    | 92  | 46     |
| 3am-6am             | 353             | 190  | 543  | 2470            | 288  | 182  | 470   | 1047   | 14  | 16    | 30  | 28     |
| 6am-9am             | 121             | 66   | 187  | 24876           | 107  | 88   | 195   | 10857  | 6   | 4     | 10  | 120    |
| 9am-12pm            | 112             | 80   | 192  | 27013           | 88   | 81   | 169   | 11594  | 4   | 4     | 8   | 117    |
| 12pm-3pm            | 229             | 178  | 407  | 34007           | 177  | 144  | 321   | 15731  | 9   | 6     | 15  | 173    |
| 3pm-6pm             | 643             | 424  | 1067 | 45088           | 499  | 397  | 896   | 22469  | 19  | 17    | 36  | 213    |
| 6pm-9pm             | 903             | 667  | 1570 | 22939           | 708  | 674  | 1382  | 12553  | 31  | 27    | 58  | 171    |
| 9pm-12am            | 1049            | 810  | 1859 | 12117           | 789  | 806  | 1595  | 6511   | 45  | 27    | 72  | 96     |
| Unknown             | 33              | 14   | 47   | 352             | 17   | 7    | 24    | 126    | 1   | 0     | 1   | 0      |
| <b>Total</b>        | 4861            | 3403 | 8264 | 174450          | 3769 | 3201 | 6970  | 83832  | 177 | 145   | 322 | 964    |
| <b>Female</b>       |                 |      |      |                 |      |      |       |        |     |       |     |        |
| 12am-3am            | 205             | 117  | 322  | 1530            | 214  | 97   | 311   | 940    | 4   | 4     | 8   | 11     |
| 3am-6am             | 50              | 18   | 68   | 504             | 61   | 18   | 79    | 237    | 0   | 3     | 3   | 4      |
| 6am-9am             | 14              | 6    | 20   | 11499           | 18   | 11   | 29    | 5651   | 0   | 1     | 1   | 40     |
| 9am-12pm            | 11              | 10   | 21   | 11501           | 12   | 11   | 23    | 5696   | 0   | 0     | 0   | 37     |
| 12pm-3pm            | 22              | 15   | 37   | 14637           | 20   | 17   | 37    | 7862   | 0   | 0     | 0   | 46     |
| 3pm-6pm             | 68              | 40   | 108  | 20695           | 65   | 47   | 112   | 11423  | 2   | 2     | 4   | 60     |
| 6pm-9pm             | 97              | 61   | 158  | 9068            | 75   | 55   | 130   | 5500   | 1   | 3     | 4   | 51     |
| 9pm-12am            | 117             | 112  | 229  | 4537            | 108  | 98   | 206   | 2648   | 7   | 2     | 9   | 20     |
| Unknown             | 7               | 3    | 10   | 147             | 2    | 1    | 3     | 65     | 0   | 0     | 0   | 0      |
| <b>Total</b>        | 591             | 382  | 973  | 74118           | 575  | 355  | 930   | 40022  | 14  | 15    | 29  | 269    |
| <b>Total</b>        | 1623            | 1091 | 2714 | 7118            | 1310 | 919  | 2229  | 3884   | 52  | 48    | 100 | 57     |
| 12am-3am            | 403             | 208  | 611  | 2974            | 349  | 200  | 549   | 1284   | 14  | 19    | 33  | 32     |
| 3am-6am             | 135             | 72   | 207  | 36375           | 125  | 99   | 224   | 16508  | 6   | 5     | 11  | 160    |
| 6am-9am             | 123             | 90   | 213  | 38514           | 100  | 92   | 192   | 17290  | 4   | 4     | 8   | 154    |
| 9am-12pm            | 251             | 193  | 444  | 48644           | 197  | 161  | 358   | 23593  | 9   | 6     | 15  | 219    |
| 12pm-3pm            | 711             | 464  | 1175 | 65783           | 564  | 444  | 1008  | 33892  | 21  | 19    | 40  | 273    |
| 3pm-6pm             | 1000            | 728  | 1728 | 32007           | 783  | 729  | 1512  | 18053  | 32  | 30    | 62  | 222    |
| 6pm-9pm             | 1166            | 922  | 2088 | 16654           | 897  | 904  | 1801  | 9159   | 52  | 29    | 81  | 116    |
| 9pm-12am            | 40              | 17   | 57   | 499             | 19   | 8    | 27    | 191    | 1   | 0     | 1   | 0      |
| <b>Total</b>        | 5452            | 3785 | 9237 | 248568          | 4344 | 3556 | 7900  | 123854 | 191 | 160   | 351 | 1233   |
|                     |                 |      |      |                 |      |      |       |        | 60  | 25    | 85  | 690    |
|                     |                 |      |      |                 |      |      |       |        |     |       |     | 9987   |
|                     |                 |      |      |                 |      |      |       |        |     |       |     | 7501   |
|                     |                 |      |      |                 |      |      |       |        |     |       |     | 17488  |
|                     |                 |      |      |                 |      |      |       |        |     |       |     | 373655 |

TABLE 4A. DRIVERS IN TRAFFIC CRASHES: DAY OF WEEK - ONTARIO, 1988

| Day<br>of<br>Week | Property Damage |      |      | Personal Injury |      |      | Fatal |        |      | Total |       |        |
|-------------------|-----------------|------|------|-----------------|------|------|-------|--------|------|-------|-------|--------|
|                   | HBD             | IMP  | D/D  | NOR             | HBD  | IMP  | D/D   | NOR    | HBD  | IMP   | D/D   | NOR    |
| <b>Male</b>       |                 |      |      |                 |      |      |       |        |      |       |       |        |
| Monday            | 336             | 221  | 557  | 21440           | 283  | 220  | 503   | 11464  | 13   | 19    | 32    | 121    |
| Tuesday           | 322             | 247  | 569  | 22810           | 303  | 259  | 562   | 11333  | 11   | 14    | 25    | 115    |
| Wednesday         | 424             | 278  | 702  | 21978           | 358  | 257  | 615   | 11357  | 6    | 19    | 25    | 96     |
| Thursday          | 467             | 360  | 827  | 23647           | 415  | 374  | 789   | 12096  | 17   | 27    | 44    | 134    |
| Friday            | 967             | 619  | 1586 | 30236           | 802  | 587  | 1389  | 15323  | 25   | 42    | 67    | 177    |
| Saturday          | 1288            | 893  | 2181 | 22666           | 1181 | 819  | 2000  | 12411  | 50   | 69    | 119   | 149    |
| Sunday            | 996             | 598  | 1594 | 14151           | 929  | 594  | 1523  | 8694   | 22   | 41    | 63    | 113    |
| Total             | 4800            | 3216 | 8016 | 156928          | 4271 | 3110 | 7381  | 82678  | 144  | 231   | 375   | 905    |
| <b>Female</b>     |                 |      |      |                 |      |      |       |        |      |       |       |        |
| Monday            | 45              | 25   | 70   | 8761            | 46   | 30   | 76    | 5438   | 3    | 0     | 3     | 29     |
| Tuesday           | 45              | 40   | 85   | 9586            | 57   | 32   | 89    | 5549   | 0    | 3     | 3     | 24     |
| Wednesday         | 56              | 36   | 92   | 9662            | 48   | 31   | 79    | 5578   | 2    | 1     | 3     | 44     |
| Thursday          | 58              | 53   | 111  | 10105           | 49   | 43   | 92    | 5710   | 1    | 1     | 2     | 29     |
| Friday            | 113             | 58   | 171  | 12166           | 116  | 67   | 183   | 7176   | 2    | 2     | 4     | 44     |
| Saturday          | 179             | 85   | 264  | 8976            | 154  | 98   | 252   | 5375   | 8    | 2     | 10    | 41     |
| Sunday            | 139             | 74   | 213  | 5132            | 174  | 64   | 238   | 3418   | 3    | 4     | 7     | 37     |
| Total             | 635             | 371  | 1006 | 64388           | 644  | 365  | 1009  | 38244  | 19   | 13    | 32    | 248    |
| <b>Total</b>      |                 |      |      |                 |      |      |       |        |      |       |       |        |
| Monday            | 381             | 246  | 627  | 30201           | 329  | 250  | 579   | 16902  | 16   | 19    | 35    | 150    |
| Tuesday           | 367             | 287  | 654  | 32396           | 360  | 291  | 651   | 16882  | 11   | 17    | 28    | 139    |
| Wednesday         | 480             | 314  | 794  | 31640           | 406  | 288  | 694   | 16935  | 8    | 20    | 28    | 140    |
| Thursday          | 525             | 413  | 938  | 33752           | 464  | 417  | 881   | 17806  | 18   | 28    | 46    | 163    |
| Friday            | 1080            | 677  | 1757 | 42402           | 918  | 654  | 1572  | 22499  | 27   | 44    | 71    | 221    |
| Saturday          | 1467            | 978  | 2445 | 31642           | 1335 | 917  | 2252  | 17786  | 58   | 71    | 129   | 190    |
| Sunday            | 1135            | 672  | 1807 | 19283           | 1103 | 658  | 1761  | 12112  | 25   | 45    | 70    | 150    |
| Total             | 5435            | 3587 | 9022 | 221316          | 4915 | 3475 | 8390  | 120922 | 163  | 244   | 407   | 1153   |
|                   |                 |      |      |                 |      |      |       |        | 9215 | 6557  | 15772 | 240511 |
|                   |                 |      |      |                 |      |      |       |        | 94   | 55    | 149   | 14228  |
|                   |                 |      |      |                 |      |      |       |        | 102  | 75    | 177   | 15159  |
|                   |                 |      |      |                 |      |      |       |        | 106  | 68    | 174   | 15284  |
|                   |                 |      |      |                 |      |      |       |        | 108  | 97    | 205   | 15844  |
|                   |                 |      |      |                 |      |      |       |        | 231  | 127   | 358   | 19386  |
|                   |                 |      |      |                 |      |      |       |        | 341  | 185   | 526   | 14392  |
|                   |                 |      |      |                 |      |      |       |        | 316  | 142   | 458   | 8587   |
|                   |                 |      |      |                 |      |      |       |        | 1298 | 749   | 2047  | 102880 |

TABLE 4B. DRIVERS IN TRAFFIC CRASHES: DAY OF WEEK - ONTARIO, 1989

| Day of Week   | Property Damage |      |      | Personal Injury |      |      | Fatal |        |      | Total |       |        |
|---------------|-----------------|------|------|-----------------|------|------|-------|--------|------|-------|-------|--------|
|               | HBD             | IMP  | D/D  | NOR             | HBD  | IMP  | D/D   | NOR    | HBD  | IMP   | D/D   | NOR    |
| <b>Male</b>   |                 |      |      |                 |      |      |       |        |      |       |       |        |
| Monday        | 359             | 261  | 620  | 22636           | 280  | 231  | 511   | 11080  | 7    | 4     | 144   | 646    |
| Tuesday       | 359             | 289  | 648  | 26103           | 292  | 273  | 565   | 12050  | 17   | 10    | 27    | 668    |
| Wednesday     | 408             | 307  | 715  | 25164           | 296  | 264  | 560   | 11830  | 12   | 12    | 24    | 716    |
| Thursday      | 534             | 382  | 916  | 28769           | 376  | 360  | 736   | 12949  | 18   | 13    | 31    | 928    |
| Friday        | 912             | 671  | 1583 | 33225           | 718  | 593  | 1311  | 15478  | 31   | 30    | 61    | 1661   |
| Saturday      | 1320            | 888  | 2208 | 23613           | 1008 | 833  | 1841  | 12125  | 51   | 43    | 94    | 2379   |
| Sunday        | 969             | 605  | 1574 | 14940           | 799  | 647  | 1446  | 8320   | 41   | 33    | 74    | 107    |
| Total         | 4861            | 3403 | 8264 | 174450          | 3769 | 3201 | 6970  | 83832  | 177  | 145   | 322   | 964    |
| <b>Female</b> |                 |      |      |                 |      |      |       |        |      |       |       |        |
| Monday        | 45              | 39   | 84   | 9960            | 30   | 31   | 61    | 5395   | 1    | 1     | 2     | 40     |
| Tuesday       | 45              | 40   | 85   | 11318           | 44   | 29   | 73    | 6176   | 1    | 1     | 2     | 28     |
| Wednesday     | 54              | 37   | 91   | 11111           | 44   | 31   | 75    | 6025   | 2    | 4     | 6     | 35     |
| Thursday      | 53              | 49   | 102  | 13024           | 53   | 43   | 96    | 6619   | 1    | 2     | 3     | 33     |
| Friday        | 103             | 70   | 173  | 13922           | 71   | 60   | 131   | 7273   | 3    | 2     | 5     | 50     |
| Saturday      | 148             | 85   | 233  | 9233            | 163  | 83   | 246   | 5148   | 4    | 4     | 8     | 43     |
| Sunday        | 143             | 62   | 205  | 5550            | 170  | 78   | 248   | 3386   | 2    | 1     | 3     | 40     |
| Total         | 591             | 382  | 973  | 74118           | 575  | 355  | 930   | 40022  | 14   | 15    | 29    | 269    |
| <b>Total</b>  |                 |      |      |                 |      |      |       |        |      |       |       |        |
| Monday        | 404             | 300  | 704  | 32596           | 310  | 262  | 572   | 16475  | 8    | 5     | 13    | 184    |
| Tuesday       | 404             | 329  | 733  | 37421           | 336  | 302  | 638   | 18226  | 18   | 11    | 29    | 130    |
| Wednesday     | 462             | 344  | 806  | 36225           | 340  | 295  | 635   | 17855  | 14   | 16    | 30    | 164    |
| Thursday      | 587             | 431  | 1018 | 41793           | 429  | 403  | 832   | 19568  | 19   | 15    | 34    | 139    |
| Friday        | 1015            | 741  | 1756 | 47147           | 789  | 653  | 1442  | 22751  | 34   | 32    | 66    | 259    |
| Saturday      | 1468            | 973  | 2441 | 32846           | 1171 | 916  | 2087  | 17273  | 55   | 47    | 102   | 210    |
| Sunday        | 1112            | 667  | 1779 | 20490           | 969  | 725  | 1694  | 11706  | 43   | 34    | 77    | 147    |
| Total         | 5452            | 3785 | 9237 | 248568          | 4344 | 3556 | 7900  | 123854 | 191  | 160   | 351   | 1233   |
|               |                 |      |      |                 |      |      |       |        | 9987 | 7501  | 17488 | 373655 |

TABLE 5A. DRIVERS IN TRAFFIC CRASHES: MONTH OF YEAR - ONTARIO, 1988

| Month<br>of<br>Year | Property Damage |             |             | Personal Injury |             |             | Fatal       |              |             | Total       |              |               |
|---------------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|---------------|
|                     | HBD             | IMP         | NOR         | HBD             | IMP         | D/D         | HBD         | IMP          | D/D         | HBD         | IMP          | D/D           |
| <b>Male</b>         |                 |             |             |                 |             |             |             |              |             |             |              |               |
| January             | 379             | 228         | 607         | 13672           | 279         | 203         | 482         | 6164         | 5           | 7           | 12           | 79            |
| February            | 411             | 245         | 656         | 15504           | 236         | 183         | 419         | 6590         | 2           | 9           | 11           | 65            |
| March               | 391             | 282         | 673         | 10990           | 321         | 241         | 562         | 5140         | 5           | 12          | 17           | 69            |
| April               | 336             | 238         | 574         | 9985            | 346         | 251         | 597         | 5592         | 9           | 12          | 21           | 45            |
| May                 | 378             | 275         | 653         | 11173           | 411         | 285         | 696         | 6935         | 16          | 23          | 39           | 63            |
| June                | 387             | 264         | 651         | 11866           | 370         | 289         | 659         | 7675         | 12          | 30          | 42           | 57            |
| July                | 382             | 283         | 665         | 11766           | 481         | 284         | 765         | 7804         | 22          | 36          | 58           | 94            |
| August              | 406             | 250         | 656         | 12570           | 390         | 286         | 676         | 8126         | 18          | 30          | 48           | 109           |
| September           | 422             | 311         | 733         | 12494           | 427         | 277         | 704         | 7218         | 14          | 28          | 42           | 80            |
| October             | 460             | 288         | 748         | 14853           | 378         | 312         | 690         | 7622         | 15          | 15          | 30           | 86            |
| November            | 396             | 276         | 672         | 13837           | 327         | 268         | 595         | 6450         | 16          | 10          | 26           | 82            |
| December            | 452             | 276         | 728         | 18218           | 305         | 231         | 536         | 7362         | 10          | 19          | 29           | 76            |
| <b>TOTAL</b>        | <b>4800</b>     | <b>3216</b> | <b>8016</b> | <b>156928</b>   | <b>4271</b> | <b>3110</b> | <b>7381</b> | <b>82678</b> | <b>144</b>  | <b>231</b>  | <b>375</b>   | <b>905</b>    |
| <b>Female</b>       |                 |             |             |                 |             |             |             |              |             |             |              |               |
| January             | 57              | 26          | 83          | 5713            | 37          | 27          | 64          | 3017         | 0           | 1           | 1            | 16            |
| February            | 40              | 20          | 60          | 6362            | 31          | 13          | 44          | 3111         | 0           | 2           | 2            | 24            |
| March               | 48              | 33          | 81          | 4523            | 44          | 31          | 75          | 2431         | 0           | 1           | 1            | 13            |
| April               | 54              | 34          | 88          | 4173            | 58          | 38          | 96          | 2574         | 0           | 1           | 1            | 15            |
| May                 | 47              | 33          | 80          | 4585            | 61          | 34          | 95          | 3190         | 1           | 2           | 3            | 19            |
| June                | 42              | 25          | 67          | 4912            | 57          | 34          | 91          | 3480         | 4           | 0           | 4            | 15            |
| July                | 60              | 31          | 91          | 4516            | 63          | 42          | 105         | 3272         | 1           | 2           | 3            | 30            |
| August              | 51              | 31          | 82          | 4905            | 61          | 29          | 90          | 3471         | 2           | 1           | 3            | 31            |
| September           | 66              | 31          | 97          | 5035            | 57          | 42          | 99          | 3211         | 6           | 0           | 6            | 27            |
| October             | 62              | 35          | 97          | 6200            | 56          | 33          | 89          | 3554         | 1           | 1           | 2            | 21            |
| November            | 51              | 38          | 89          | 5865            | 60          | 20          | 80          | 3257         | 3           | 0           | 3            | 13            |
| December            | 57              | 34          | 91          | 7599            | 59          | 22          | 81          | 3676         | 1           | 2           | 3            | 24            |
| <b>TOTAL</b>        | <b>635</b>      | <b>371</b>  | <b>1006</b> | <b>64388</b>    | <b>644</b>  | <b>365</b>  | <b>1009</b> | <b>38244</b> | <b>19</b>   | <b>13</b>   | <b>32</b>    | <b>248</b>    |
|                     |                 |             |             |                 |             |             |             |              | <b>663</b>  | <b>438</b>  | <b>1101</b>  | <b>19915</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>649</b>  | <b>437</b>  | <b>1086</b>  | <b>22159</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>717</b>  | <b>535</b>  | <b>1252</b>  | <b>16199</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>691</b>  | <b>501</b>  | <b>1192</b>  | <b>15622</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>805</b>  | <b>583</b>  | <b>1388</b>  | <b>18171</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>769</b>  | <b>583</b>  | <b>1352</b>  | <b>19598</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>885</b>  | <b>603</b>  | <b>1488</b>  | <b>19664</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>814</b>  | <b>566</b>  | <b>1380</b>  | <b>20805</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>863</b>  | <b>616</b>  | <b>1479</b>  | <b>19792</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>853</b>  | <b>615</b>  | <b>1468</b>  | <b>22561</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>739</b>  | <b>554</b>  | <b>1293</b>  | <b>20369</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>767</b>  | <b>526</b>  | <b>1293</b>  | <b>25656</b>  |
|                     |                 |             |             |                 |             |             |             |              | <b>9215</b> | <b>6557</b> | <b>15772</b> | <b>240511</b> |

... continued

TABLE 5A (continued). DRIVERS IN TRAFFIC CRASHES: MONTH OF YEAR - ONTARIO, 1988

| Month<br>of<br>Year | Property Damage |             |             | Personal Injury |             |             | Fatal       |               |              | Total       |              |               |
|---------------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|---------------|--------------|-------------|--------------|---------------|
|                     | HBD             | IMP         | D/D         | NOR             | HBD         | IMP         | D/D         | NOR           | HBD          | IMP         | D/D          | NOR           |
| <b>Total</b>        |                 |             |             |                 |             |             |             |               |              |             |              |               |
| January             | 436             | 254         | 690         | 19385           | 316         | 230         | 546         | 9181          | 5            | 8           | 13           | 95            |
| February            | 451             | 265         | 716         | 21686           | 267         | 196         | 463         | 9701          | 2            | 11          | 13           | 89            |
| March               | 439             | 315         | 754         | 15513           | 365         | 272         | 637         | 7571          | 5            | 13          | 18           | 82            |
| April               | 390             | 272         | 662         | 14158           | 404         | 289         | 693         | 8166          | 9            | 13          | 22           | 60            |
| May                 | 425             | 308         | 733         | 15758           | 472         | 319         | 791         | 10125         | 17           | 25          | 42           | 82            |
| June                | 429             | 289         | 718         | 16778           | 427         | 323         | 750         | 11155         | 16           | 30          | 46           | 72            |
| July                | 442             | 314         | 756         | 16232           | 544         | 326         | 870         | 11076         | 23           | 38          | 61           | 124           |
| August              | 457             | 281         | 738         | 17475           | 451         | 315         | 766         | 11597         | 20           | 31          | 51           | 140           |
| September           | 488             | 342         | 830         | 17529           | 484         | 319         | 803         | 10429         | 20           | 28          | 48           | 107           |
| October             | 522             | 323         | 845         | 21053           | 434         | 345         | 779         | 11176         | 16           | 32          | 107          | 972           |
| November            | 447             | 314         | 761         | 19742           | 387         | 288         | 675         | 9707          | 19           | 10          | 29           | 95            |
| December            | 509             | 310         | 819         | 25817           | 364         | 253         | 617         | 11038         | 11           | 21          | 32           | 100           |
| <b>TOTAL</b>        | <b>5435</b>     | <b>3587</b> | <b>9022</b> | <b>221316</b>   | <b>4915</b> | <b>3475</b> | <b>8390</b> | <b>120922</b> | <b>163</b>   | <b>244</b>  | <b>407</b>   | <b>1153</b>   |
|                     |                 |             |             |                 |             |             |             |               | <b>10513</b> | <b>7306</b> | <b>17819</b> | <b>343391</b> |

TABLE 5B. DRIVERS IN TRAFFIC CRASHES: MONTH OF YEAR - ONTARIO, 1989

| Month of Year | Property Damage |             |             | Personal Injury |             |             | Fatal       |              |             | Total      |             |               |
|---------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|--------------|-------------|------------|-------------|---------------|
|               | HBD             | IMP         | D/D         | NOR             | HBD         | IMP         | D/D         | NOR          | HBD         | IMP        | D/D         | NOR           |
| <b>Male</b>   |                 |             |             |                 |             |             |             |              |             |            |             |               |
| January       | 349             | 259         | 608         | 14837           | 264         | 213         | 477         | 5876         | 8           | 7          | 15          | 52            |
| February      | 400             | 259         | 659         | 13383           | 262         | 228         | 490         | 5763         | 8           | 7          | 15          | 63            |
| March         | 435             | 322         | 757         | 14502           | 258         | 254         | 512         | 6065         | 14          | 7          | 21          | 62            |
| April         | 381             | 273         | 654         | 10969           | 286         | 259         | 545         | 5485         | 17          | 16         | 33          | 65            |
| May           | 405             | 270         | 675         | 13345           | 365         | 257         | 622         | 7198         | 15          | 6          | 23          | 71            |
| June          | 421             | 300         | 721         | 13625           | 347         | 280         | 627         | 7815         | 13          | 19         | 32          | 83            |
| July          | 372             | 248         | 620         | 12161           | 412         | 292         | 704         | 7411         | 21          | 17         | 38          | 118           |
| August        | 363             | 266         | 629         | 12719           | 338         | 285         | 623         | 7535         | 26          | 14         | 40          | 106           |
| September     | 399             | 294         | 693         | 13597           | 375         | 331         | 706         | 7541         | 23          | 14         | 37          | 70            |
| October       | 412             | 295         | 707         | 14771           | 344         | 290         | 634         | 7309         | 9           | 15         | 24          | 92            |
| November      | 419             | 316         | 735         | 17525           | 253         | 253         | 506         | 7325         | 16          | 15         | 31          | 81            |
| December      | 505             | 301         | 806         | 23016           | 265         | 259         | 524         | 8509         | 7           | 6          | 13          | 101           |
| <b>TOTAL</b>  | <b>4861</b>     | <b>3403</b> | <b>8264</b> | <b>174450</b>   | <b>3769</b> | <b>3201</b> | <b>6970</b> | <b>83832</b> | <b>177</b>  | <b>145</b> | <b>322</b>  | <b>964</b>    |
| <b>Female</b> |                 |             |             |                 |             |             |             |              |             |            |             |               |
| January       | 53              | 19          | 72          | 6292            | 31          | 21          | 52          | 2892         | 0           | 3          | 3           | 12            |
| February      | 41              | 26          | 67          | 5815            | 50          | 25          | 75          | 2755         | 3           | 0          | 3           | 19            |
| March         | 50              | 22          | 72          | 6187            | 43          | 29          | 72          | 2968         | 0           | 0          | 0           | 18            |
| April         | 40              | 37          | 77          | 4635            | 36          | 28          | 64          | 2555         | 0           | 1          | 1           | 18            |
| May           | 42              | 40          | 82          | 5713            | 53          | 30          | 83          | 3533         | 0           | 0          | 0           | 22            |
| June          | 45              | 37          | 82          | 5644            | 49          | 39          | 88          | 3557         | 1           | 3          | 4           | 28            |
| July          | 44              | 33          | 77          | 4918            | 55          | 28          | 83          | 3290         | 2           | 0          | 2           | 19            |
| August        | 61              | 32          | 93          | 5134            | 63          | 34          | 97          | 3456         | 2           | 1          | 3           | 33            |
| September     | 49              | 40          | 89          | 5802            | 55          | 34          | 89          | 3572         | 0           | 4          | 4           | 28            |
| October       | 53              | 34          | 87          | 6365            | 51          | 38          | 89          | 3516         | 0           | 1          | 1           | 16            |
| November      | 43              | 33          | 76          | 7943            | 46          | 16          | 62          | 3820         | 2           | 0          | 2           | 23            |
| December      | 70              | 29          | 99          | 9670            | 43          | 33          | 76          | 4108         | 4           | 2          | 6           | 33            |
| <b>TOTAL</b>  | <b>591</b>      | <b>382</b>  | <b>973</b>  | <b>74118</b>    | <b>575</b>  | <b>355</b>  | <b>930</b>  | <b>40022</b> | <b>14</b>   | <b>15</b>  | <b>29</b>   | <b>269</b>    |
|               |                 |             |             |                 |             |             |             |              | <b>1180</b> | <b>752</b> | <b>1932</b> | <b>114409</b> |

... continued

TABLE 5B (continued). DRIVERS IN TRAFFIC CRASHES: MONTH OF YEAR - ONTARIO, 1989

| Month<br>of<br>Year | Property Damage |      |      | Personal Injury |      |      | Fatal |        |      | Total |       |        |
|---------------------|-----------------|------|------|-----------------|------|------|-------|--------|------|-------|-------|--------|
|                     | HBD             | IMP  | D/D  | NOR             | HBD  | IMP  | D/D   | NOR    | HBD  | IMP   | D/D   | NOR    |
| <b>Total</b>        |                 |      |      |                 |      |      |       |        |      |       |       |        |
| January             | 402             | 278  | 680  | 21129           | 295  | 234  | 529   | 8768   | 8    | 10    | 18    | 64     |
| February            | 441             | 285  | 726  | 19198           | 312  | 253  | 565   | 8518   | 11   | 7     | 18    | 82     |
| March               | 485             | 344  | 829  | 20689           | 301  | 283  | 584   | 9033   | 14   | 7     | 21    | 80     |
| April               | 421             | 310  | 731  | 15604           | 322  | 287  | 609   | 8040   | 17   | 17    | 34    | 83     |
| May                 | 447             | 310  | 757  | 19058           | 418  | 287  | 705   | 10731  | 15   | 8     | 23    | 93     |
| June                | 466             | 337  | 803  | 19269           | 396  | 319  | 715   | 11372  | 14   | 22    | 36    | 111    |
| July                | 416             | 281  | 697  | 17079           | 467  | 320  | 787   | 10701  | 23   | 17    | 40    | 137    |
| August              | 424             | 298  | 722  | 17853           | 401  | 319  | 720   | 10991  | 28   | 15    | 43    | 139    |
| September           | 448             | 334  | 782  | 19399           | 430  | 365  | 795   | 11113  | 23   | 18    | 41    | 98     |
| October             | 465             | 329  | 794  | 21136           | 395  | 328  | 723   | 10825  | 9    | 16    | 25    | 108    |
| November            | 462             | 349  | 811  | 25468           | 299  | 269  | 568   | 11145  | 18   | 15    | 33    | 104    |
| December            | 575             | 330  | 905  | 32686           | 308  | 292  | 600   | 12617  | 11   | 8     | 19    | 134    |
| <b>TOTAL</b>        | 5452            | 3785 | 9237 | 248568          | 4344 | 3556 | 7900  | 123854 | 191  | 160   | 351   | 1233   |
|                     |                 |      |      |                 |      |      |       |        | 9987 | 7501  | 17488 | 373655 |

Table 6

## Drinking Drivers In Traffic Crashes:

Annual Number, Rate Per 1,000 Population, and Rate Per 1,000 Licensed Drivers

Ontario, 1980 - 1989

| Year | Number of Crash-Involved Drinking Drivers | Population of Ontario* | Drinking Driver Crashes Per 1,000 Population | Number of Licensed Drivers | Drinking Driver Crashes Per 1,000 Licensed Drivers |
|------|---|------------------------|--|----------------------------|--|
| 1980 | 33,101                                    | 8,569,700              | 3.50   | 4,993,531                  | 6.63   |
| 1981 | 29,730                                    | 8,625,110              | 3.45   | 5,123,177                  | 5.80   |
| 1982 | 26,588                                    | 8,706,960              | 3.05   | 5,247,198                  | 5.07   |
| 1983 | 24,102                                    | 8,789,590              | 2.74   | 5,380,259                  | 4.48   |
| 1984 | 23,888                                    | 8,873,010              | 2.69   | 5,513,911                  | 4.33   |
| 1985 | 20,859                                    | 8,957,210              | 2.33   | 5,660,422                  | 3.69   |
| 1986 | 17,723                                    | 9,113,000              | 1.94   | 5,817,799                  | 3.05   |
| 1987 | 18,737                                    | 9,270,700              | 2.02   | 5,978,105                  | 3.13   |
| 1988 | 17,819                                    | 9,096,294              | 1.96   | 6,118,112                  | 2.91   |
| 1989 | 17,488                                    | 9,096,294              | 1.92   | 6,290,270                  | 2.78   |

\*Figure for 1980 - Intercensal Estimate, Statistics Canada, Catalogue 91-521.

Figure for 1981 - Census of Canada.

Figures for 1982-85 are estimated assuming a constant rate of increase from 1981-1986.

Figures for 1986 and 1988 - Postcensal estimates (by regression method), Statistics Canada, Catalogue 91-211, November 1988.

Figure for 1989 - Duplication of the 1988 postcensal estimate.

Table 7A

AGE AND SEX OF DRIVERS IN LICENSED AND CRASH-INVOLVED POPULATIONS  
ONTARIO, 1988

| AGE & SEX     | No. of Drivers Licensed | % of Licensed Drivers | Crash-Involved HBD | % of HBD    | Crash-Involved IMP | % of IMP    | Crash-Involved D/D | % of D/D    | Crash-Involved NOR | % of NOR    |
|---------------|-------------------------|-----------------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|
| <b>Male</b>   |                         |                       |                    |             |                    |             |                    |             |                    |             |
| 16-18         | 116790                  | 3.5%                  | 600                | 6.5%        | 205                | 3.1%        | 805                | 5.1%        | 18305              | 7.7%        |
| 19-24         | 412791                  | 12.2%                 | 3033               | 33.0%       | 1528               | 23.3%       | 4561               | 29.0%       | 48666              | 20.4%       |
| 25-34         | 847181                  | 25.1%                 | 3041               | 33.1%       | 2511               | 38.3%       | 5552               | 35.3%       | 67726              | 28.4%       |
| 35-44         | 719104                  | 21.3%                 | 1334               | 14.5%       | 1274               | 19.5%       | 2608               | 16.6%       | 44167              | 18.5%       |
| 45-54         | 500951                  | 14.8%                 | 610                | 6.6%        | 559                | 8.5%        | 1169               | 7.4%        | 27397              | 11.5%       |
| 55-64         | 417975                  | 12.4%                 | 388                | 4.2%        | 351                | 5.4%        | 739                | 4.7%        | 19511              | 8.2%        |
| 65+           | 366964                  | 10.9%                 | 184                | 2.0%        | 122                | 1.9%        | 306                | 1.9%        | 13087              | 5.5%        |
| <b>Total</b>  | <b>3381756</b>          | <b>100%</b>           | <b>9190</b>        | <b>100%</b> | <b>6550</b>        | <b>100%</b> | <b>15740</b>       | <b>100%</b> | <b>238859</b>      | <b>100%</b> |
| <b>Female</b> |                         |                       |                    |             |                    |             |                    |             |                    |             |
| 16-18         | 89172                   | 3.3%                  | 95                 | 7.4%        | 21                 | 2.8%        | 116                | 5.7%        | 8159               | 8.0%        |
| 19-24         | 335702                  | 12.3%                 | 350                | 27.1%       | 151                | 20.2%       | 501                | 24.6%       | 19618              | 19.2%       |
| 25-34         | 741335                  | 27.1%                 | 499                | 38.6%       | 270                | 36.1%       | 769                | 37.7%       | 29066              | 28.4%       |
| 35-44         | 634737                  | 23.2%                 | 209                | 16.2%       | 183                | 24.5%       | 392                | 19.2%       | 22205              | 21.7%       |
| 45-54         | 397152                  | 14.5%                 | 86                 | 6.7%        | 75                 | 10.0%       | 161                | 7.9%        | 11400              | 11.1%       |
| 55-64         | 296291                  | 10.8%                 | 41                 | 3.2%        | 39                 | 5.2%        | 80                 | 3.9%        | 6897               | 6.7%        |
| 65+           | 241967                  | 8.8%                  | 12                 | 0.9%        | 9                  | 1.2%        | 21                 | 1.0%        | 5088               | 5.0%        |
| <b>Total</b>  | <b>2736356</b>          | <b>100%</b>           | <b>1292</b>        | <b>100%</b> | <b>748</b>         | <b>100%</b> | <b>2040</b>        | <b>100%</b> | <b>102433</b>      | <b>100%</b> |
| <b>Both</b>   |                         |                       |                    |             |                    |             |                    |             |                    |             |
| 16-18         | 205962                  | 3.4%                  | 695                | 6.6%        | 226                | 3.1%        | 921                | 5.2%        | 26464              | 7.8%        |
| 19-24         | 748493                  | 12.2%                 | 3383               | 32.3%       | 1679               | 23.0%       | 5062               | 28.5%       | 68284              | 20.0%       |
| 25-34         | 1588516                 | 26.0%                 | 3540               | 33.8%       | 2781               | 38.1%       | 6321               | 35.6%       | 96792              | 28.4%       |
| 35-44         | 1353841                 | 22.1%                 | 1543               | 14.7%       | 1457               | 20.0%       | 3000               | 16.9%       | 66372              | 19.4%       |
| 45-54         | 898103                  | 14.7%                 | 696                | 6.6%        | 634                | 8.7%        | 1330               | 7.5%        | 38797              | 11.4%       |
| 55-64         | 714266                  | 11.7%                 | 429                | 4.1%        | 390                | 5.3%        | 819                | 4.6%        | 26408              | 7.7%        |
| 65+           | 608931                  | 10.0%                 | 196                | 1.9%        | 131                | 1.8%        | 327                | 1.8%        | 18175              | 5.3%        |
| <b>Total</b>  | <b>6118112</b>          | <b>100%</b>           | <b>10482</b>       | <b>100%</b> | <b>7298</b>        | <b>100%</b> | <b>17780</b>       | <b>100%</b> | <b>341292</b>      | <b>100%</b> |

Table 7B

**AGE AND SEX OF DRIVERS IN LICENSED AND CRASH-INVOLVED POPULATIONS**  
**ONTARIO, 1989**

| AGE & SEX     | No. of Drivers Licensed | % of Licensed Drivers | Crash-Involved HBD | % of HBD    | Crash-Involved IMP | % of IMP    | Crash-Involved D/D | % of D/D    | Crash-Involved NOR | % of NOR    |
|---------------|-------------------------|-----------------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|
| <b>Male</b>   |                         |                       |                    |             |                    |             |                    |             |                    |             |
| 16-18         | 120080                  | 3.5%                  | 526                | 6.0%        | 216                | 3.2%        | 742                | 4.8%        | 18811              | 7.3%        |
| 19-24         | 407811                  | 11.8%                 | 2711               | 30.9%       | 1561               | 23.1%       | 4272               | 27.5%       | 50228              | 19.5%       |
| 25-34         | 874521                  | 25.2%                 | 3142               | 35.8%       | 2528               | 37.5%       | 5670               | 36.5%       | 74840              | 29.0%       |
| 35-44         | 746040                  | 21.5%                 | 1293               | 14.7%       | 1321               | 19.6%       | 2614               | 16.8%       | 48622              | 18.9%       |
| 45-54         | 516791                  | 14.9%                 | 635                | 7.2%        | 614                | 9.1%        | 1249               | 8.0%        | 30269              | 11.7%       |
| 55-64         | 420372                  | 12.1%                 | 319                | 3.6%        | 383                | 5.7%        | 702                | 4.5%        | 20862              | 8.1%        |
| 65+           | 382226                  | 11.0%                 | 161                | 1.8%        | 121                | 1.8%        | 282                | 1.8%        | 14016              | 5.4%        |
| <b>Total</b>  | <b>3467841</b>          | <b>100%</b>           | <b>8787</b>        | <b>100%</b> | <b>6744</b>        | <b>100%</b> | <b>15531</b>       | <b>100%</b> | <b>257648</b>      | <b>100%</b> |
| <b>Female</b> |                         |                       |                    |             |                    |             |                    |             |                    |             |
| 16-18         | 92905                   | 3.3%                  | 92                 | 7.8%        | 21                 | 2.8%        | 113                | 5.9%        | 8843               | 7.8%        |
| 19-24         | 333629                  | 11.8%                 | 317                | 27.0%       | 122                | 16.2%       | 439                | 22.8%       | 21367              | 18.8%       |
| 25-34         | 759666                  | 26.9%                 | 437                | 37.3%       | 294                | 39.1%       | 731                | 38.0%       | 32817              | 28.8%       |
| 35-44         | 663013                  | 23.5%                 | 208                | 17.7%       | 185                | 24.6%       | 393                | 20.4%       | 25086              | 22.0%       |
| 45-54         | 415200                  | 14.7%                 | 75                 | 6.4%        | 95                 | 12.6%       | 170                | 8.8%        | 12791              | 11.2%       |
| 55-64         | 300416                  | 10.6%                 | 25                 | 2.1%        | 27                 | 3.6%        | 52                 | 2.7%        | 7390               | 6.5%        |
| 65+           | 257600                  | 9.1%                  | 18                 | 1.5%        | 8                  | 1.1%        | 26                 | 1.4%        | 5595               | 4.9%        |
| <b>Total</b>  | <b>2822429</b>          | <b>100%</b>           | <b>1172</b>        | <b>100%</b> | <b>752</b>         | <b>100%</b> | <b>1924</b>        | <b>100%</b> | <b>113889</b>      | <b>100%</b> |
| <b>Both</b>   |                         |                       |                    |             |                    |             |                    |             |                    |             |
| 16-18         | 212985                  | 3.4%                  | 618                | 6.2%        | 237                | 3.2%        | 855                | 4.9%        | 27654              | 7.4%        |
| 19-24         | 741440                  | 11.8%                 | 3028               | 30.4%       | 1683               | 22.5%       | 4711               | 27.0%       | 71595              | 19.3%       |
| 25-34         | 1634187                 | 26.0%                 | 3579               | 35.9%       | 2822               | 37.6%       | 6401               | 36.7%       | 107657             | 29.0%       |
| 35-44         | 1409053                 | 22.4%                 | 1501               | 15.1%       | 1506               | 20.1%       | 3007               | 17.2%       | 73708              | 19.8%       |
| 45-54         | 931991                  | 14.8%                 | 710                | 7.1%        | 709                | 9.5%        | 1419               | 8.1%        | 43060              | 11.6%       |
| 55-64         | 720788                  | 11.5%                 | 344                | 3.5%        | 410                | 5.5%        | 754                | 4.3%        | 28252              | 7.6%        |
| 65+           | 639826                  | 10.2%                 | 179                | 1.8%        | 129                | 1.7%        | 308                | 1.8%        | 19611              | 5.3%        |
| <b>Total</b>  | <b>6290270</b>          | <b>100%</b>           | <b>9959</b>        | <b>100%</b> | <b>7496</b>        | <b>100%</b> | <b>17455</b>       | <b>100%</b> | <b>371537</b>      | <b>100%</b> |

TABLE 8A

## ALCOHOL USE AMONG DRIVER FATALITIES\*

ONTARIO, 1988

| Category<br>of<br>Drivers | Number<br>of<br>Drivers | Number<br>Tested<br>for BAC | Had<br>Been<br>Drinking | Over<br>80<br>mg% | Drivers Grouped By BAC (mg%) |           |           |           |            |
|---------------------------|-------------------------|-----------------------------|-------------------------|-------------------|------------------------------|-----------|-----------|-----------|------------|
|                           |                         |                             |                         |                   | Zero                         | 1-49      | 50-80     | 81-150    | >150       |
| <b>Age</b>                |                         |                             |                         |                   |                              |           |           |           |            |
| 16 - 19                   | 70                      | 65                          | 30                      | 19                | 35                           | 4         | 7         | 7         | 12         |
| 20 - 25                   | 133                     | 122                         | 76                      | 52                | 46                           | 17        | 7         | 10        | 42         |
| 26 - 35                   | 132                     | 126                         | 71                      | 61                | 55                           | 6         | 4         | 11        | 50         |
| 36 - 45                   | 75                      | 72                          | 29                      | 20                | 43                           | 7         | 2         | 3         | 17         |
| 46 - 55                   | 44                      | 42                          | 15                      | 11                | 27                           | 3         | 1         | 2         | 9          |
| > 55                      | 99                      | 93                          | 19                      | 12                | 74                           | 5         | 2         | 4         | 8          |
| <b>Sex</b>                |                         |                             |                         |                   |                              |           |           |           |            |
| Male                      | 457                     | 433                         | 221                     | 162               | 212                          | 36        | 23        | 35        | 127        |
| Female                    | 96                      | 87                          | 19                      | 13                | 68                           | 6         | 0         | 2         | 11         |
| <b>Type of Vehicle</b>    |                         |                             |                         |                   |                              |           |           |           |            |
| Automobile                | 398                     | 371                         | 169                     | 127               | 202                          | 30        | 12        | 28        | 99         |
| Motorcycle / Moped        | 64                      | 61                          | 34                      | 21                | 27                           | 8         | 5         | 5         | 16         |
| Truck / Van               | 85                      | 82                          | 37                      | 27                | 45                           | 4         | 6         | 4         | 23         |
| Tractor-Trailer           | 6                       | 6                           | 0                       | 0                 | 6                            | 0         | 0         | 0         | 0          |
| <b>Type of Collision</b>  |                         |                             |                         |                   |                              |           |           |           |            |
| Single-Vehicle            | 222                     | 211                         | 139                     | 112               | 72                           | 14        | 13        | 22        | 90         |
| Multiple-Vehicle          | 330                     | 308                         | 101                     | 63                | 207                          | 28        | 10        | 15        | 48         |
| Unknown                   | 1                       | 1                           | 0                       | 0                 | 1                            | 0         | 0         | 0         | 0          |
| <b>Total</b>              | <b>553</b>              | <b>520</b>                  | <b>240</b>              | <b>175</b>        | <b>280</b>                   | <b>42</b> | <b>23</b> | <b>37</b> | <b>138</b> |

\* Source: Fatality Database, Traffic Injury Research Foundation of Canada.

(Data from Ontario obtained with the cooperation and assistance of the Office of Chief Coroner for Ontario and the Ministry of Transportation. TIRF's Fatality Database is jointly sponsored by the Canadian Council of Motor Transport Administrators and Transport Canada.)

**TABLE 8B**  
**ALCOHOL USE AMONG DRIVER FATALITIES\***  
**ONTARIO, 1989**

| Category<br>of<br>Drivers | Number<br>of<br>Drivers | Number<br>Tested<br>for BAC | Had<br>Been<br>Drinking | Over<br>80<br>mg% | Drivers Grouped By BAC (mg%) |           |           |           |            |
|---------------------------|-------------------------|-----------------------------|-------------------------|-------------------|------------------------------|-----------|-----------|-----------|------------|
|                           |                         |                             |                         |                   | Zero                         | 1-49      | 50-80     | 81-150    | >150       |
| <b>Age</b>                |                         |                             |                         |                   |                              |           |           |           |            |
| 16 - 19                   | 68                      | 60                          | 20                      | 12                | 40                           | 5         | 3         | 5         | 7          |
| 20 - 25                   | 146                     | 137                         | 75                      | 58                | 62                           | 11        | 6         | 19        | 39         |
| 26 - 35                   | 165                     | 154                         | 78                      | 68                | 76                           | 7         | 3         | 15        | 53         |
| 36 - 45                   | 94                      | 88                          | 40                      | 33                | 48                           | 6         | 1         | 4         | 29         |
| 46 - 55                   | 52                      | 45                          | 13                      | 11                | 32                           | 2         | 0         | 2         | 9          |
| > 55                      | 115                     | 100                         | 14                      | 9                 | 86                           | 3         | 2         | 2         | 7          |
| <b>Sex</b>                |                         |                             |                         |                   |                              |           |           |           |            |
| Male                      | 503                     | 462                         | 216                     | 176               | 246                          | 26        | 14        | 44        | 132        |
| Female                    | 137                     | 122                         | 24                      | 15                | 98                           | 8         | 1         | 3         | 12         |
| <b>Type of Vehicle</b>    |                         |                             |                         |                   |                              |           |           |           |            |
| Automobile                | 449                     | 407                         | 156                     | 121               | 251                          | 25        | 10        | 30        | 91         |
| Motorcycle / Moped        | 72                      | 65                          | 31                      | 26                | 34                           | 3         | 2         | 11        | 15         |
| Truck / Van               | 107                     | 100                         | 51                      | 43                | 49                           | 5         | 3         | 6         | 37         |
| Tractor-Trailer           | 12                      | 12                          | 2                       | 1                 | 10                           | 1         | 0         | 0         | 1          |
| <b>Type of Collision</b>  |                         |                             |                         |                   |                              |           |           |           |            |
| Single-Vehicle            | 251                     | 228                         | 142                     | 118               | 86                           | 14        | 10        | 24        | 94         |
| Multiple-Vehicle          | 382                     | 353                         | 97                      | 72                | 256                          | 20        | 5         | 22        | 50         |
| Unknown                   | 7                       | 3                           | 1                       | 1                 | 2                            | 0         | 0         | 1         | 0          |
| <b>Total</b>              | <b>640</b>              | <b>584</b>                  | <b>240</b>              | <b>191</b>        | <b>344</b>                   | <b>34</b> | <b>15</b> | <b>47</b> | <b>144</b> |

\* Source: Fatality Database, Traffic Injury Research Foundation of Canada.

(Data from Ontario obtained with the cooperation and assistance of the Office of Chief Coroner for Ontario and the Ministry of Transportation. TIRF's Fatality Database is jointly sponsored by the Canadian Council of Motor Transport Administrators and Transport Canada.)

**TABLE 9**  
**ALCOHOL USE AMONG DRIVER FATALITIES\***  
**ONTARIO, 1973 - 1989**

| Year    | Number of Drivers** | Tested for BAC |       | Had Been Drinking*** |       | Over 80 mg% |       | Drivers Grouped By BAC (mg%) |      |      |
|---------|---------------------|----------------|-------|----------------------|-------|-------------|-------|------------------------------|------|------|
|         |                     | #              | %     | #                    | %     | #           | %     | Zero                         | 1-80 | > 80 |
| 1973    | 747                 | 689            | 92.2% | 370                  | 53.7% | 307         | 44.6% | 319                          | 63   | 307  |
| 1974    | 723                 | 649            | 89.8% | 365                  | 56.2% | 280         | 43.1% | 284                          | 85   | 280  |
| 1975    | 776                 | 721            | 92.9% | 423                  | 58.7% | 316         | 43.8% | 298                          | 107  | 316  |
| 1976    | 612                 | 539            | 88.1% | 318                  | 59.0% | 251         | 46.6% | 221                          | 67   | 251  |
| 1977    | 603                 | 534            | 88.6% | 302                  | 56.6% | 243         | 45.5% | 232                          | 59   | 243  |
| 1978    | 587                 | 557            | 94.9% | 310                  | 55.7% | 256         | 46.0% | 247                          | 54   | 256  |
| 1979    | 580                 | 527            | 90.9% | 316                  | 60.0% | 255         | 48.4% | 211                          | 61   | 255  |
| 1980    | 641                 | 590            | 92.0% | 338                  | 57.3% | 282         | 47.8% | 252                          | 56   | 282  |
| 1981    | 666                 | 627            | 94.1% | 377                  | 60.1% | 311         | 49.6% | 250                          | 66   | 311  |
| 1982    | 554                 | 518            | 93.5% | 290                  | 56.0% | 241         | 46.5% | 228                          | 49   | 241  |
| 1983    | 595                 | 548            | 92.1% | 294                  | 53.6% | 244         | 44.5% | 254                          | 50   | 244  |
| 1984    | 526                 | 488            | 92.8% | 264                  | 54.1% | 218         | 44.7% | 224                          | 46   | 218  |
| 1985    | 536                 | 499            | 93.1% | 259                  | 51.9% | 199         | 39.9% | 240                          | 60   | 199  |
| 1986    | 528                 | 497            | 94.1% | 257                  | 51.7% | 215         | 43.3% | 240                          | 42   | 215  |
| 1987    | 610                 | 539            | 88.4% | 254                  | 47.1% | 214         | 39.7% | 285                          | 40   | 214  |
| 1988    | 553                 | 520            | 94.0% | 240                  | 46.2% | 175         | 33.7% | 280                          | 65   | 175  |
| 1989    | 640                 | 584            | 91.3% | 240                  | 41.1% | 191         | 32.7% | 344                          | 49   | 191  |
| Average | 616                 | 566            | 91.9% | 307                  | 54.2% | 247         | 43.6% | 259                          | 60   | 247  |

\* Source: Fatality Database, Traffic Injury Research Foundation of Canada.

(Data from Ontario obtained with the cooperation and assistance of the Office of Chief Coroner for Ontario and the Ministry of Transportation. TIRF's Fatality Database is jointly sponsored by the Canadian Council of Motor Transport Administrators and Transport Canada.)

\*\* Drivers of highway vehicles (operators of farm tractors, snowmobiles, and bicycles excluded), 16 years of age or older, dying within 6 hours of crash involvement.

\*\*\* In this table, "had been drinking" means any amount of alcohol detected in blood samples, INCLUDING blood alcohol concentrations over 80 mg%.

**Table 10A**  
**Normal and Drinking Drivers Involved in Crashes During 1988:**  
**Rates for Ontario's Counties and Regional Municipalities**

| JURISDICTION                   | POPULATION     | NORMAL DRIVERS |             |      | DRINKING DRIVERS |            |      | % Drivers<br>Drinking |
|--------------------------------|----------------|----------------|-------------|------|------------------|------------|------|-----------------------|
|                                |                | Number         | Rate        | Rank | Number           | Rate       | Rank |                       |
| Algoma                         | 117339         | 4908           | 41.8        | 8    | 326              | 2.8        | 8    | 6.2%                  |
| Brant                          | 102085         | 3287           | 32.2        | 30   | 250              | 2.4        | 16   | 7.1%                  |
| Bruce                          | 57119          | 1286           | 22.5        | 45   | 129              | 2.3        | 24   | 9.1%                  |
| Cochrane                       | 84846          | 2903           | 34.2        | 24   | 182              | 2.1        | 31   | 5.9%                  |
| Dufferin                       | 34452          | 1452           | 42.1        | 7    | 103              | 3.0        | 7    | 6.6%                  |
| Durham                         | 347837         | 12158          | 35.0        | 21   | 859              | 2.5        | 13   | 6.6%                  |
| Elgin                          | 69174          | 1743           | 25.2        | 42   | 137              | 2.0        | 36   | 7.3%                  |
| Essex                          | 314952         | 10311          | 32.7        | 26   | 756              | 2.4        | 19   | 6.8%                  |
| Frontenac                      | 119332         | 4103           | 34.4        | 22   | 216              | 1.8        | 40   | 5.0%                  |
| Grey                           | 75157          | 2038           | 27.1        | 40   | 168              | 2.2        | 26   | 7.6%                  |
| Haldimand-Norfolk              | 89225          | 2381           | 26.7        | 41   | 232              | 2.6        | 11   | 8.9%                  |
| Haliburton                     | 11945          | 547            | 45.8        | 2    | 76               | 6.4        | 2    | 12.2%                 |
| Halton                         | 281668         | 10923          | 38.8        | 14   | 512              | 1.8        | 39   | 4.5%                  |
| Hamilton-Wentworth             | 429466         | 16721          | 38.9        | 13   | 694              | 1.6        | 44   | 4.0%                  |
| Hastings                       | 106240         | 3643           | 34.3        | 23   | 261              | 2.5        | 14   | 6.7%                  |
| Huron                          | 55589          | 1208           | 21.7        | 46   | 125              | 2.2        | 25   | 9.4%                  |
| Kenora                         | 35150          | 1653           | 47.0        | 1    | 126              | 3.6        | 3    | 7.1%                  |
| Kent                           | 105176         | 2894           | 27.5        | 38   | 223              | 2.1        | 33   | 7.2%                  |
| Lambton                        | 119528         | 3491           | 29.2        | 35   | 258              | 2.2        | 30   | 6.9%                  |
| Lanark                         | 49483          | 1433           | 29.0        | 36   | 109              | 2.2        | 28   | 7.1%                  |
| Leeds & Grenville              | 83166          | 2435           | 29.3        | 34   | 198              | 2.4        | 20   | 7.5%                  |
| Lennox & Addington             | 32998          | 912            | 27.6        | 37   | 86               | 2.6        | 10   | 8.6%                  |
| Manitoulin                     | 6771           | 208            | 30.7        | 33   | 44               | 6.5        | 1    | 17.5%                 |
| Middlesex                      | 344586         | 13562          | 39.4        | 10   | 676              | 2.0        | 37   | 4.7%                  |
| Muskoka                        | 39958          | 1733           | 43.4        | 5    | 140              | 3.5        | 5    | 7.5%                  |
| Niagara                        | 365197         | 12881          | 35.3        | 18   | 878              | 2.4        | 18   | 6.4%                  |
| Nipissing                      | 74599          | 2420           | 32.4        | 28   | 129              | 1.7        | 42   | 5.1%                  |
| Northumberland                 | 67232          | 2163           | 32.2        | 31   | 204              | 3.0        | 6    | 8.6%                  |
| Ottawa-Carleton                | 623135         | 22732          | 36.5        | 16   | 861              | 1.4        | 47   | 3.6%                  |
| Oxford                         | 84008          | 2961           | 35.2        | 19   | 180              | 2.1        | 32   | 5.7%                  |
| Parry Sound                    | 30138          | 1300           | 43.1        | 6    | 106              | 3.5        | 4    | 7.5%                  |
| Peel                           | 608327         | 23727          | 39.0        | 12   | 1015             | 1.7        | 43   | 4.1%                  |
| Perth                          | 66226          | 1802           | 27.2        | 39   | 101              | 1.5        | 46   | 5.3%                  |
| Peterborough                   | 105493         | 3437           | 32.6        | 27   | 254              | 2.4        | 17   | 6.9%                  |
| Prescott & Russell             | 59138          | 1484           | 25.1        | 43   | 115              | 1.9        | 38   | 7.2%                  |
| Prince Edward                  | 21793          | 408            | 18.7        | 47   | 51               | 2.3        | 21   | 11.1%                 |
| Rainy River                    | 18981          | 612            | 32.2        | 29   | 43               | 2.3        | 23   | 6.6%                  |
| Renfrew                        | 85953          | 2150           | 25.0        | 44   | 154              | 1.8        | 41   | 6.7%                  |
| Simcoe                         | 241694         | 9661           | 40.0        | 9    | 593              | 2.5        | 15   | 5.8%                  |
| Stormont, Dundas, & Glengarry  | 101978         | 3136           | 30.8        | 32   | 211              | 2.1        | 35   | 6.3%                  |
| Sudbury District & Reg. Munic. | 168677         | 6094           | 36.1        | 17   | 373              | 2.2        | 27   | 5.8%                  |
| Thunder Bay                    | 140951         | 6142           | 43.6        | 3    | 356              | 2.5        | 12   | 5.5%                  |
| Timiskaming                    | 35741          | 1181           | 33.0        | 25   | 82               | 2.3        | 22   | 6.5%                  |
| Toronto (Metro) & York Region  | 2542851        | 110307         | 43.4        | 4    | 4029             | 1.6        | 45   | 3.5%                  |
| Victoria                       | 55132          | 1931           | 35.0        | 20   | 150              | 2.7        | 9    | 7.2%                  |
| Waterloo                       | 342030         | 13357          | 39.1        | 11   | 750              | 2.2        | 29   | 5.3%                  |
| Wellington                     | 143778         | 5566           | 38.7        | 15   | 298              | 2.1        | 34   | 5.1%                  |
| <b>ONTARIO</b>                 | <b>9096294</b> | <b>343385</b>  | <b>37.7</b> |      | <b>17819</b>     | <b>2.0</b> |      | <b>4.9%</b>           |

Table 10B  
Normal and Drinking Drivers Involved in Crashes During 1989:  
Rates for Ontario's Counties and Regional Municipalities

| JURISDICTION                   | POPULATION* | NORMAL DRIVERS |      |      | DRINKING DRIVERS |      |      | % Drivers Drinking |
|--------------------------------|-------------|----------------|------|------|------------------|------|------|--------------------|
|                                |             | Number         | Rate | Rank | Number           | Rate | Rank |                    |
| Algoma                         | 117339      | 5317           | 45.3 | 8    | 284              | 2.4  | 16   | 5.1%               |
| Brant                          | 102085      | 3444           | 33.7 | 32   | 254              | 2.5  | 14   | 6.9%               |
| Bruce                          | 57119       | 1302           | 22.8 | 47   | 140              | 2.5  | 15   | 9.7%               |
| Cochrane                       | 84846       | 3072           | 36.2 | 27   | 151              | 1.8  | 38   | 4.7%               |
| Dufferin                       | 34452       | 1602           | 46.5 | 6    | 95               | 2.8  | 8    | 5.6%               |
| Durham                         | 347837      | 13101          | 37.7 | 23   | 769              | 2.2  | 20   | 5.5%               |
| Elgin                          | 69174       | 1927           | 27.9 | 43   | 129              | 1.9  | 36   | 6.3%               |
| Essex                          | 314952      | 10857          | 34.5 | 30   | 685              | 2.2  | 22   | 5.9%               |
| Frontenac                      | 119332      | 4810           | 40.3 | 18   | 204              | 1.7  | 40   | 4.1%               |
| Grey                           | 75157       | 2306           | 30.7 | 37   | 159              | 2.1  | 23   | 6.5%               |
| Haldimand-Norfolk              | 89225       | 2585           | 29.0 | 40   | 265              | 3.0  | 6    | 9.3%               |
| Haliburton                     | 11945       | 630            | 52.7 | 1    | 53               | 4.4  | 2    | 7.8%               |
| Halton                         | 281668      | 11632          | 41.3 | 15   | 486              | 1.7  | 39   | 4.0%               |
| Hamilton-Wentworth             | 429466      | 17315          | 40.3 | 16   | 657              | 1.5  | 45   | 3.7%               |
| Hastings                       | 106240      | 4072           | 38.3 | 21   | 277              | 2.6  | 11   | 6.4%               |
| Huron                          | 55589       | 1290           | 23.2 | 46   | 86               | 1.5  | 44   | 6.3%               |
| Kenora                         | 35150       | 1729           | 49.2 | 4    | 110              | 3.1  | 5    | 6.0%               |
| Kent                           | 105176      | 3217           | 30.6 | 38   | 205              | 1.9  | 34   | 6.0%               |
| Lambton                        | 119528      | 3453           | 28.9 | 41   | 249              | 2.1  | 27   | 6.7%               |
| Lanark                         | 49483       | 1572           | 31.8 | 35   | 104              | 2.1  | 25   | 6.2%               |
| Leeds & Grenville              | 83166       | 2848           | 34.2 | 31   | 192              | 2.3  | 17   | 6.3%               |
| Lennox & Addington             | 32998       | 1040           | 31.5 | 36   | 75               | 2.3  | 18   | 6.7%               |
| Manitoulin                     | 6771        | 270            | 39.9 | 19   | 44               | 6.5  | 1    | 14.0%              |
| Middlesex                      | 344586      | 14568          | 42.3 | 13   | 699              | 2.0  | 30   | 4.6%               |
| Muskoka                        | 39958       | 1970           | 49.3 | 3    | 143              | 3.6  | 3    | 6.8%               |
| Niagara                        | 365197      | 15137          | 41.4 | 14   | 949              | 2.6  | 12   | 5.9%               |
| Nipissing                      | 74599       | 3180           | 42.6 | 11   | 149              | 2.0  | 31   | 4.5%               |
| Northumberland                 | 67232       | 2396           | 35.6 | 28   | 182              | 2.7  | 9    | 7.1%               |
| Ottawa-Carleton                | 623135      | 24440          | 39.2 | 20   | 754              | 1.2  | 47   | 3.0%               |
| Oxford                         | 84008       | 3085           | 36.7 | 25   | 141              | 1.7  | 41   | 4.4%               |
| Parry Sound                    | 30138       | 1492           | 49.5 | 2    | 107              | 3.6  | 4    | 6.7%               |
| Peel                           | 608327      | 27102          | 44.6 | 9    | 1091             | 1.8  | 37   | 3.9%               |
| Perth                          | 66226       | 1920           | 29.0 | 39   | 85               | 1.3  | 46   | 4.2%               |
| Peterborough                   | 105493      | 3687           | 35.0 | 29   | 238              | 2.3  | 19   | 6.1%               |
| Prescott & Russell             | 59138       | 1658           | 28.0 | 42   | 113              | 1.9  | 35   | 6.4%               |
| Prince Edward                  | 21793       | 519            | 23.8 | 45   | 48               | 2.2  | 21   | 8.5%               |
| Rainy River                    | 18981       | 691            | 36.4 | 26   | 40               | 2.1  | 24   | 5.5%               |
| Renfrew                        | 85953       | 2185           | 25.4 | 44   | 168              | 2.0  | 32   | 7.1%               |
| Simcoe                         | 241694      | 10607          | 43.9 | 10   | 638              | 2.6  | 10   | 5.7%               |
| Stormont, Dundas, & Glengarry  | 101978      | 3383           | 33.2 | 34   | 213              | 2.1  | 26   | 5.9%               |
| Sudbury District & Reg. Munic. | 168677      | 7173           | 42.5 | 12   | 347              | 2.1  | 28   | 4.6%               |
| Thunder Bay                    | 140951      | 6476           | 45.9 | 7    | 365              | 2.6  | 13   | 5.3%               |
| Timiskaming                    | 35741       | 1198           | 33.5 | 33   | 57               | 1.6  | 43   | 4.5%               |
| Toronto (Metro) & York Region  | 2542851     | 120132         | 47.2 | 5    | 4172             | 1.6  | 42   | 3.4%               |
| Victoria                       | 55132       | 2057           | 37.3 | 24   | 155              | 2.8  | 7    | 7.0%               |
| Waterloo                       | 342030      | 13789          | 40.3 | 17   | 667              | 2.0  | 33   | 4.6%               |
| Wellington                     | 143778      | 5419           | 37.7 | 22   | 294              | 2.0  | 29   | 5.1%               |
| ONTARIO                        | 9096294     | 373655         | 41.1 |      | 17488            | 1.9  |      | 4.5%               |

\* Estimated 1988 Population



## **APPENDIX B**

**1988-1989 STATISTICS  
ON DRINKING AND DRIVING:**

**COUNTIES AND REGIONAL MUNICIPALITIES  
OF ONTARIO**



## STATISTICS ON DRINKING AND DRIVING: COUNTIES AND REGIONAL MUNICIPALITIES OF ONTARIO

The following pages, which comprise the greater part of this report, present drinking-driving statistics for Ontario's counties and regional municipalities. In particular, the tables and figures report numbers of **crash-involved** drivers reported by police officers as "normal" (NOR), "had been drinking" (HBD), or "ability impaired by alcohol" (IMP). For each jurisdiction from 1980 through 1989, drivers are grouped by gender and severity of crash (*property damage, injury, fatal*).

To many readers, these tables of numbers -- or, as researchers would call them, *raw data* -- will no doubt seem of little use, much less of interest. Readers are reminded that this **is** a *statistical* yearbook and that is intended to provide a detailed (not exhaustive) account of Ontario's experience during 1988 and 1989. "Raw data" often yield answers to questions many people ask, for example: (1) How big is the drinking-driving problem in **my** community? (2) What percentage of drivers involved in traffic crashes have consumed alcohol? (3) Are we making *progress*? This report cannot provide complete answers to all these questions. Only some of the numbers are provided to indicate **what happened** -- and **what happened over time** -- to the problem of drinking and driving on a *local* level.

Based on police-reported data for each county or regional municipality, therefore, the *number* of drinking and normal drivers involved in traffic crashes from 1980 through 1989 are presented. The *number of drinking drivers involved in traffic crashes* is one measure of the magnitude of the problem. The Problem Index -- i.e., the *ratio of crash-involved drinking drivers to crash-involved normal drivers* is also plotted. As discussed in Section 3, this measure of drinking-driving problems over time controls for factors (for example, economic conditions) that give rise **both** to alcohol- and nonalcohol-related traffic crashes -- notwithstanding programs aimed to reduce impaired-driving problems. Finally, the percentage of crash-involved drivers reported by police as normal, had been drinking (HBD), and impaired are charted for both 1988 and 1989.

## ALGOMA

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 238             | 135 | 373 | 2753 | 216             | 101 | 317 | 1194 | 10    | 6   | 16  | 28  | 464   | 242 | 706 | 3975 |
| 1981             | 282             | 131 | 413 | 2663 | 227             | 126 | 353 | 1253 | 5     | 14  | 19  | 34  | 514   | 271 | 785 | 3950 |
| 1982             | 206             | 112 | 318 | 2640 | 163             | 92  | 255 | 1005 | 4     | 3   | 7   | 20  | 373   | 207 | 580 | 3665 |
| 1983             | 138             | 96  | 234 | 2070 | 120             | 83  | 203 | 834  | 2     | 5   | 7   | 12  | 260   | 184 | 444 | 2916 |
| 1984             | 150             | 78  | 228 | 2006 | 98              | 91  | 189 | 856  | 7     | 7   | 14  | 17  | 255   | 176 | 431 | 2879 |
| 1985             | 103             | 59  | 162 | 1775 | 109             | 85  | 194 | 1016 | 2     | 3   | 5   | 17  | 214   | 147 | 361 | 2808 |
| 1986             | 66              | 53  | 119 | 1499 | 81              | 50  | 131 | 914  | 3     | 8   | 11  | 21  | 150   | 111 | 261 | 2434 |
| 1987             | 58              | 49  | 107 | 1521 | 74              | 53  | 127 | 893  | 4     | 2   | 6   | 22  | 136   | 104 | 240 | 2436 |
| 1988             | 84              | 64  | 148 | 2465 | 73              | 58  | 131 | 931  | 1     | 6   | 7   | 16  | 158   | 128 | 286 | 3412 |
| 1989             | 76              | 64  | 140 | 2689 | 42              | 66  | 108 | 987  | 2     | 4   | 6   | 10  | 120   | 134 | 254 | 3686 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 27              | 12  | 39  | 907  | 26              | 9   | 35  | 451  | 1     | 0   | 1   | 2   | 54    | 21  | 75  | 1360 |
| 1981             | 28              | 17  | 45  | 895  | 25              | 11  | 36  | 475  | 2     | 1   | 3   | 7   | 55    | 29  | 84  | 1377 |
| 1982             | 24              | 6   | 30  | 890  | 23              | 8   | 31  | 427  | 0     | 1   | 1   | 2   | 47    | 15  | 62  | 1319 |
| 1983             | 30              | 6   | 36  | 786  | 25              | 5   | 30  | 334  | 0     | 0   | 0   | 5   | 55    | 11  | 66  | 1125 |
| 1984             | 15              | 8   | 23  | 805  | 18              | 7   | 25  | 372  | 0     | 0   | 0   | 4   | 33    | 15  | 48  | 1181 |
| 1985             | 15              | 11  | 26  | 721  | 18              | 4   | 22  | 490  | 0     | 2   | 2   | 2   | 33    | 17  | 50  | 1213 |
| 1986             | 10              | 6   | 16  | 640  | 18              | 7   | 25  | 413  | 0     | 1   | 1   | 4   | 28    | 14  | 42  | 1057 |
| 1987             | 7               | 2   | 9   | 707  | 12              | 2   | 14  | 452  | 0     | 0   | 0   | 6   | 19    | 4   | 23  | 1165 |
| 1988             | 9               | 8   | 17  | 1029 | 13              | 8   | 21  | 463  | 1     | 1   | 2   | 4   | 23    | 17  | 40  | 1496 |
| 1989             | 10              | 7   | 17  | 1153 | 8               | 5   | 13  | 473  | 0     | 0   | 0   | 5   | 18    | 12  | 30  | 1631 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 265             | 147 | 412 | 3660 | 242             | 110 | 352 | 1645 | 11    | 6   | 17  | 30  | 518   | 263 | 781 | 5335 |
| 1981             | 310             | 148 | 458 | 3558 | 252             | 137 | 389 | 1728 | 7     | 15  | 22  | 41  | 569   | 300 | 869 | 5327 |
| 1982             | 230             | 118 | 348 | 3530 | 186             | 100 | 286 | 1432 | 4     | 4   | 8   | 22  | 420   | 222 | 642 | 4984 |
| 1983             | 168             | 102 | 270 | 2856 | 145             | 88  | 233 | 1168 | 2     | 5   | 7   | 17  | 315   | 195 | 510 | 4041 |
| 1984             | 165             | 86  | 251 | 2811 | 116             | 98  | 214 | 1228 | 7     | 7   | 14  | 21  | 288   | 191 | 479 | 4060 |
| 1985             | 118             | 70  | 188 | 2496 | 127             | 89  | 216 | 1506 | 2     | 5   | 7   | 19  | 247   | 164 | 411 | 4021 |
| 1986             | 76              | 59  | 135 | 2139 | 99              | 57  | 156 | 1327 | 3     | 9   | 12  | 25  | 178   | 125 | 303 | 3491 |
| 1987             | 65              | 51  | 116 | 2228 | 86              | 55  | 141 | 1345 | 4     | 2   | 6   | 28  | 155   | 108 | 263 | 3601 |
| 1988             | 93              | 72  | 165 | 3494 | 86              | 66  | 152 | 1394 | 2     | 7   | 9   | 20  | 181   | 145 | 326 | 4908 |
| 1989             | 86              | 71  | 157 | 3842 | 50              | 71  | 121 | 1460 | 2     | 4   | 6   | 15  | 138   | 146 | 284 | 5317 |

KEY: HBD -- Drivers reported by police to have been drinking

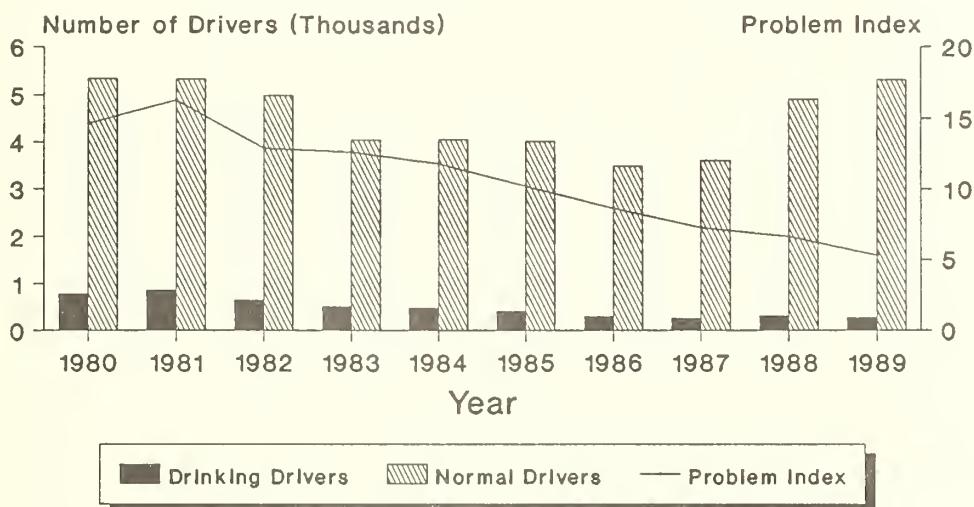
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

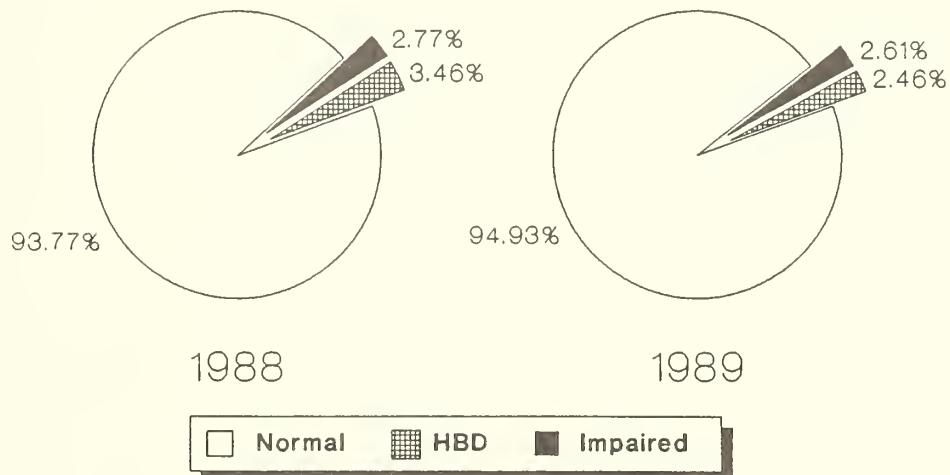
NOR -- Drivers whose condition was reported by police as "normal"

# ALGOMA

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 134             | 65  | 199 | 1627 | 112             | 59  | 171 | 811  | 3     | 5   | 8   | 9   | 249   | 129 | 378 | 2447 |
| 1981             | 114             | 78  | 192 | 1511 | 94              | 70  | 164 | 716  | 5     | 2   | 7   | 11  | 213   | 150 | 363 | 2238 |
| 1982             | 108             | 67  | 175 | 1362 | 87              | 41  | 128 | 619  | 7     | 8   | 15  | 6   | 202   | 113 | 318 | 1987 |
| 1983             | 98              | 59  | 157 | 1405 | 96              | 45  | 141 | 678  | 1     | 2   | 3   | 5   | 195   | 106 | 301 | 2088 |
| 1984             | 79              | 49  | 128 | 1475 | 82              | 40  | 122 | 667  | 1     | 2   | 3   | 8   | 162   | 91  | 253 | 2150 |
| 1985             | 77              | 50  | 127 | 1445 | 81              | 52  | 133 | 858  | 8     | 4   | 12  | 13  | 166   | 106 | 272 | 2316 |
| 1986             | 54              | 54  | 108 | 1354 | 64              | 56  | 120 | 792  | 1     | 3   | 4   | 11  | 119   | 113 | 232 | 2157 |
| 1987             | 47              | 54  | 101 | 1209 | 81              | 46  | 127 | 756  | 1     | 9   | 10  | 18  | 129   | 109 | 238 | 1983 |
| 1988             | 62              | 34  | 96  | 1388 | 64              | 51  | 115 | 784  | 8     | 2   | 10  | 9   | 134   | 87  | 221 | 2181 |
| 1989             | 67              | 48  | 115 | 1439 | 50              | 60  | 110 | 773  | 0     | 4   | 4   | 12  | 117   | 112 | 229 | 2224 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 12              | 7   | 19  | 656  | 15              | 9   | 24  | 322  | 0     | 0   | 0   | 4   | 27    | 16  | 43  | 982  |
| 1981             | 10              | 3   | 13  | 655  | 18              | 2   | 20  | 329  | 1     | 0   | 1   | 3   | 29    | 5   | 34  | 987  |
| 1982             | 15              | 5   | 20  | 630  | 21              | 3   | 24  | 312  | 1     | 3   | 4   | 5   | 37    | 11  | 48  | 947  |
| 1983             | 18              | 6   | 24  | 657  | 12              | 3   | 15  | 320  | 0     | 0   | 0   | 5   | 30    | 9   | 39  | 982  |
| 1984             | 9               | 5   | 14  | 694  | 12              | 5   | 17  | 352  | 1     | 0   | 1   | 7   | 22    | 10  | 32  | 1053 |
| 1985             | 7               | 7   | 14  | 649  | 19              | 4   | 23  | 446  | 0     | 1   | 1   | 5   | 26    | 12  | 38  | 1100 |
| 1986             | 5               | 5   | 10  | 625  | 16              | 6   | 22  | 439  | 1     | 1   | 2   | 2   | 22    | 12  | 34  | 1066 |
| 1987             | 7               | 6   | 13  | 652  | 18              | 6   | 24  | 439  | 0     | 2   | 2   | 5   | 25    | 14  | 39  | 1096 |
| 1988             | 3               | 5   | 8   | 694  | 16              | 5   | 21  | 410  | 0     | 0   | 0   | 2   | 19    | 10  | 29  | 1106 |
| 1989             | 9               | 6   | 15  | 755  | 8               | 1   | 9   | 463  | 1     | 0   | 1   | 2   | 18    | 7   | 25  | 1220 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 146             | 72  | 218 | 2283 | 127             | 68  | 195 | 1133 | 3     | 5   | 8   | 13  | 276   | 145 | 421 | 3429 |
| 1981             | 124             | 81  | 205 | 2166 | 112             | 72  | 184 | 1045 | 6     | 2   | 8   | 14  | 242   | 155 | 397 | 3225 |
| 1982             | 123             | 72  | 195 | 1992 | 108             | 44  | 152 | 931  | 8     | 11  | 19  | 11  | 239   | 127 | 366 | 2934 |
| 1983             | 116             | 65  | 181 | 2062 | 108             | 48  | 156 | 998  | 1     | 2   | 3   | 10  | 225   | 115 | 340 | 3070 |
| 1984             | 88              | 54  | 142 | 2169 | 94              | 45  | 139 | 1019 | 2     | 2   | 4   | 15  | 184   | 101 | 285 | 3203 |
| 1985             | 84              | 57  | 141 | 2094 | 100             | 56  | 156 | 1304 | 8     | 5   | 13  | 18  | 192   | 118 | 310 | 3416 |
| 1986             | 59              | 59  | 118 | 1979 | 80              | 62  | 142 | 1231 | 2     | 4   | 6   | 13  | 141   | 125 | 266 | 3223 |
| 1987             | 54              | 60  | 114 | 1861 | 99              | 52  | 151 | 1195 | 1     | 11  | 12  | 23  | 154   | 123 | 277 | 3079 |
| 1988             | 65              | 39  | 104 | 2082 | 80              | 56  | 136 | 1194 | 8     | 2   | 10  | 11  | 153   | 97  | 250 | 3287 |
| 1989             | 76              | 54  | 130 | 2194 | 58              | 61  | 119 | 1236 | 1     | 4   | 5   | 14  | 135   | 119 | 254 | 3444 |

KEY: HBD -- Drivers reported by police to have been drinking

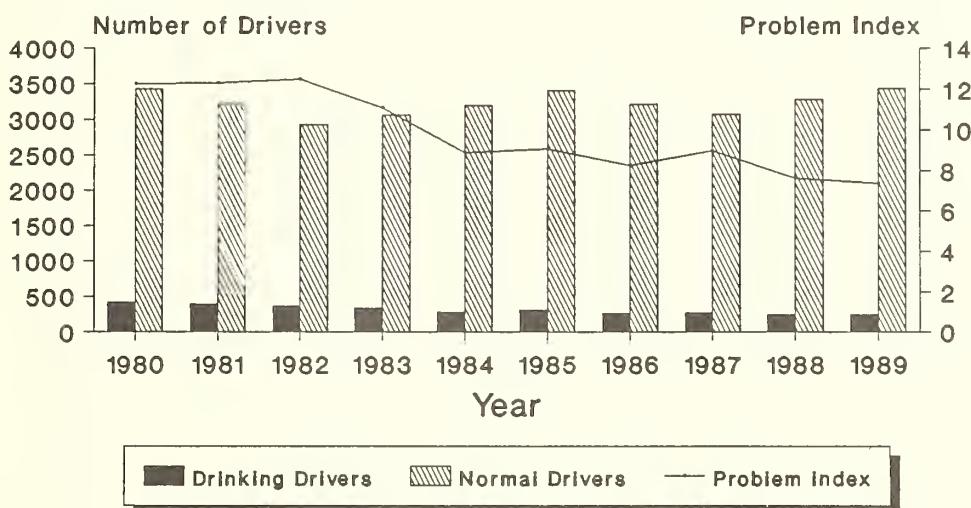
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

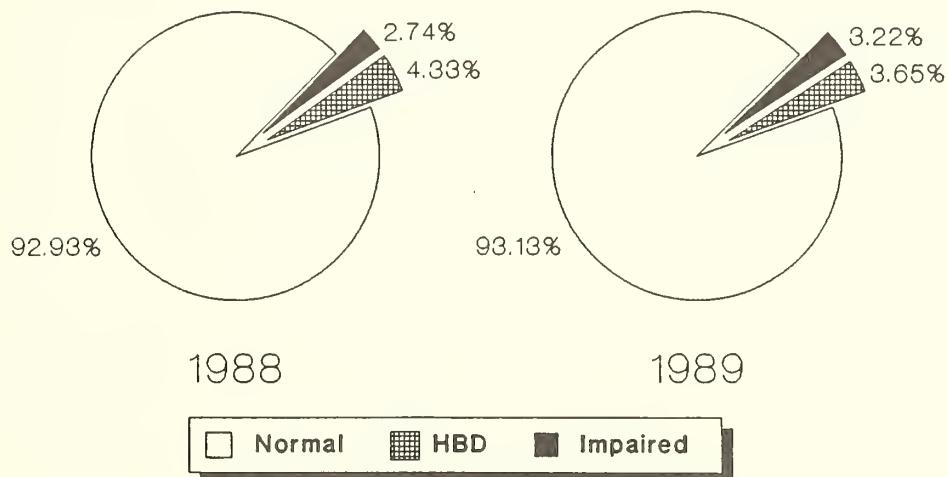
NOR -- Drivers whose condition was reported by police as "normal"

# BRANT

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 141             | 46  | 187 | 671 | 95              | 27  | 122 | 319 | 2     | 4   | 6   | 13  | 238   | 77  | 315 | 1003 |
| 1981             | 87              | 33  | 120 | 713 | 113             | 28  | 141 | 290 | 2     | 5   | 7   | 6   | 202   | 66  | 268 | 1009 |
| 1982             | 118             | 29  | 147 | 602 | 106             | 30  | 136 | 293 | 3     | 4   | 7   | 9   | 227   | 63  | 290 | 904  |
| 1983             | 85              | 24  | 109 | 597 | 85              | 22  | 107 | 264 | 1     | 3   | 4   | 9   | 171   | 49  | 220 | 870  |
| 1984             | 56              | 27  | 83  | 533 | 87              | 19  | 106 | 329 | 1     | 4   | 5   | 6   | 144   | 50  | 194 | 868  |
| 1985             | 59              | 19  | 78  | 524 | 86              | 22  | 108 | 355 | 0     | 1   | 1   | 2   | 145   | 42  | 187 | 881  |
| 1986             | 40              | 14  | 54  | 453 | 43              | 15  | 58  | 243 | 3     | 5   | 8   | 6   | 86    | 34  | 120 | 702  |
| 1987             | 35              | 14  | 49  | 497 | 59              | 16  | 75  | 266 | 1     | 2   | 3   | 6   | 95    | 32  | 127 | 769  |
| 1988             | 38              | 21  | 59  | 590 | 40              | 13  | 53  | 281 | 3     | 4   | 7   | 4   | 81    | 38  | 119 | 875  |
| 1989             | 45              | 19  | 64  | 585 | 40              | 17  | 57  | 268 | 5     | 2   | 7   | 6   | 90    | 38  | 128 | 859  |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 14              | 5   | 19  | 216 | 15              | 1   | 16  | 114 | 1     | 0   | 1   | 2   | 30    | 6   | 36  | 332  |
| 1981             | 12              | 2   | 14  | 225 | 10              | 0   | 10  | 112 | 2     | 0   | 2   | 3   | 24    | 2   | 26  | 340  |
| 1982             | 7               | 2   | 9   | 243 | 21              | 2   | 23  | 128 | 0     | 0   | 0   | 1   | 28    | 4   | 32  | 372  |
| 1983             | 11              | 3   | 14  | 210 | 7               | 2   | 9   | 115 | 1     | 0   | 1   | 1   | 19    | 5   | 24  | 326  |
| 1984             | 14              | 3   | 17  | 257 | 13              | 2   | 15  | 120 | 0     | 0   | 0   | 3   | 27    | 5   | 32  | 380  |
| 1985             | 10              | 1   | 11  | 224 | 13              | 4   | 17  | 150 | 1     | 0   | 1   | 3   | 24    | 5   | 29  | 377  |
| 1986             | 4               | 1   | 5   | 229 | 6               | 3   | 9   | 130 | 0     | 0   | 0   | 2   | 10    | 4   | 14  | 361  |
| 1987             | 7               | 0   | 7   | 199 | 5               | 1   | 6   | 142 | 1     | 1   | 2   | 2   | 13    | 2   | 15  | 343  |
| 1988             | 2               | 1   | 3   | 278 | 1               | 6   | 7   | 130 | 0     | 0   | 0   | 3   | 3     | 7   | 10  | 411  |
| 1989             | 6               | 3   | 9   | 296 | 2               | 1   | 3   | 144 | 0     | 0   | 0   | 3   | 8     | 4   | 12  | 443  |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 155             | 51  | 206 | 887 | 110             | 28  | 138 | 433 | 3     | 4   | 7   | 15  | 268   | 83  | 351 | 1335 |
| 1981             | 99              | 35  | 134 | 938 | 123             | 28  | 151 | 402 | 4     | 5   | 9   | 9   | 226   | 68  | 294 | 1349 |
| 1982             | 125             | 31  | 156 | 845 | 127             | 32  | 159 | 421 | 3     | 4   | 7   | 10  | 255   | 67  | 322 | 1276 |
| 1983             | 96              | 27  | 123 | 807 | 92              | 24  | 116 | 379 | 2     | 3   | 5   | 10  | 190   | 54  | 244 | 1196 |
| 1984             | 70              | 30  | 100 | 790 | 100             | 21  | 121 | 449 | 1     | 4   | 5   | 9   | 171   | 55  | 226 | 1248 |
| 1985             | 69              | 20  | 89  | 748 | 99              | 26  | 125 | 505 | 1     | 1   | 2   | 5   | 169   | 47  | 216 | 1258 |
| 1986             | 44              | 15  | 59  | 682 | 49              | 18  | 67  | 373 | 3     | 5   | 8   | 8   | 96    | 38  | 134 | 1063 |
| 1987             | 42              | 14  | 56  | 696 | 64              | 17  | 81  | 408 | 2     | 3   | 5   | 8   | 108   | 34  | 142 | 1112 |
| 1988             | 40              | 22  | 62  | 868 | 41              | 19  | 60  | 411 | 3     | 4   | 7   | 7   | 84    | 45  | 129 | 1286 |
| 1989             | 51              | 22  | 73  | 881 | 42              | 18  | 60  | 412 | 5     | 2   | 7   | 9   | 98    | 42  | 140 | 1302 |

KEY: HBD -- Drivers reported by police to have been drinking

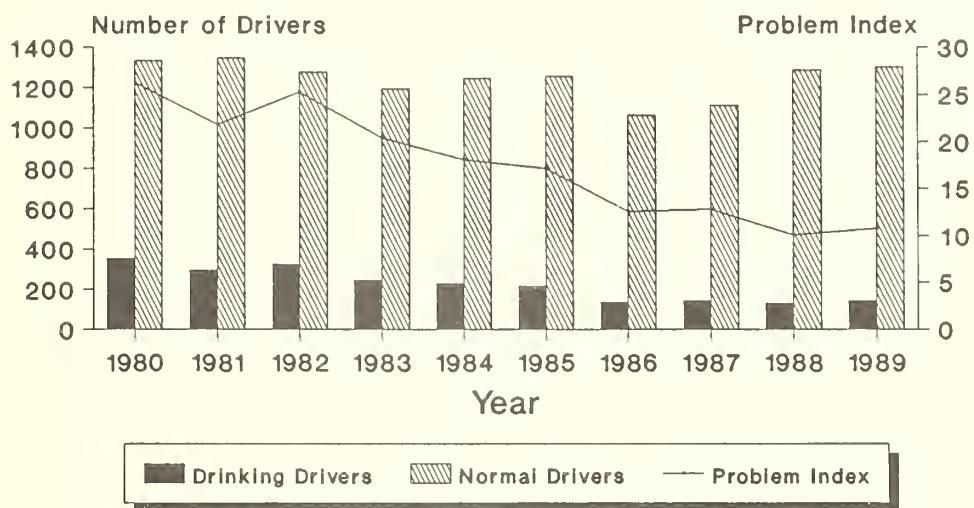
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

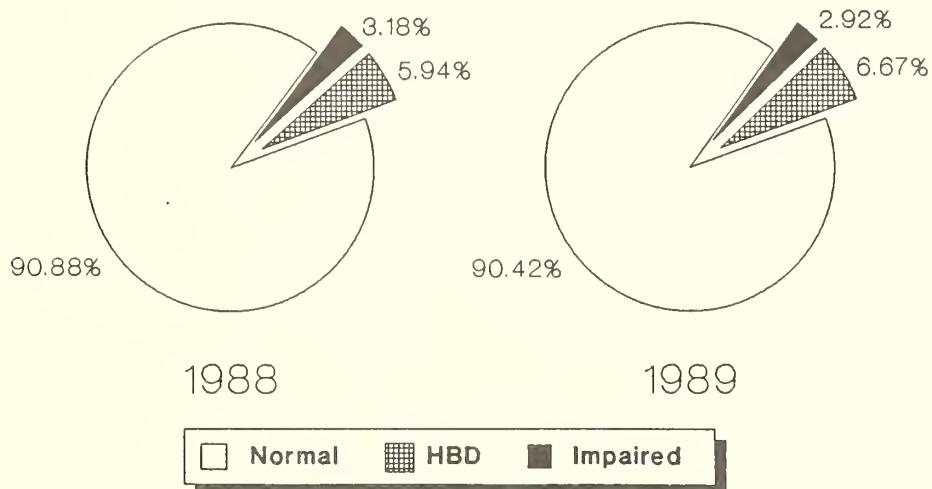
NOR -- Drivers whose condition was reported by police as "normal"

# BRUCE

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 118             | 58  | 176 | 1430 | 83              | 56  | 139 | 644 | 7     | 1   | 8   | 14  | 208   | 115 | 323 | 2088 |
| 1981             | 115             | 68  | 183 | 1604 | 107             | 45  | 152 | 678 | 5     | 2   | 7   | 11  | 227   | 115 | 342 | 2293 |
| 1982             | 99              | 56  | 155 | 1500 | 95              | 52  | 147 | 657 | 4     | 4   | 8   | 16  | 198   | 112 | 310 | 2173 |
| 1983             | 72              | 35  | 107 | 1310 | 67              | 42  | 109 | 642 | 4     | 0   | 4   | 15  | 143   | 77  | 220 | 1967 |
| 1984             | 80              | 50  | 130 | 1426 | 62              | 40  | 102 | 648 | 1     | 1   | 2   | 7   | 143   | 91  | 234 | 2081 |
| 1985             | 47              | 45  | 92  | 1288 | 53              | 33  | 86  | 664 | 1     | 1   | 2   | 8   | 101   | 79  | 180 | 1960 |
| 1986             | 40              | 30  | 70  | 1064 | 36              | 30  | 66  | 545 | 0     | 4   | 4   | 5   | 76    | 64  | 140 | 1614 |
| 1987             | 40              | 35  | 75  | 1081 | 35              | 44  | 79  | 663 | 2     | 3   | 5   | 9   | 77    | 82  | 159 | 1753 |
| 1988             | 42              | 43  | 85  | 1553 | 43              | 29  | 72  | 591 | 0     | 3   | 3   | 12  | 85    | 75  | 160 | 2156 |
| 1989             | 36              | 30  | 66  | 1546 | 30              | 32  | 62  | 625 | 0     | 1   | 1   | 12  | 66    | 63  | 129 | 2183 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 7               | 2   | 9   | 417  | 5               | 3   | 8   | 174 | 3     | 0   | 3   | 1   | 15    | 5   | 20  | 592  |
| 1981             | 10              | 5   | 15  | 427  | 7               | 4   | 11  | 197 | 0     | 0   | 0   | 2   | 17    | 9   | 26  | 626  |
| 1982             | 10              | 3   | 13  | 423  | 8               | 5   | 13  | 189 | 0     | 0   | 0   | 1   | 18    | 8   | 26  | 613  |
| 1983             | 9               | 3   | 12  | 393  | 4               | 3   | 7   | 210 | 1     | 1   | 2   | 2   | 14    | 7   | 21  | 605  |
| 1984             | 13              | 6   | 19  | 454  | 6               | 3   | 9   | 240 | 0     | 0   | 0   | 3   | 19    | 9   | 28  | 697  |
| 1985             | 5               | 3   | 8   | 390  | 6               | 0   | 6   | 246 | 1     | 0   | 1   | 1   | 12    | 3   | 15  | 637  |
| 1986             | 2               | 4   | 6   | 377  | 8               | 3   | 11  | 254 | 0     | 0   | 0   | 1   | 10    | 7   | 17  | 632  |
| 1987             | 3               | 5   | 8   | 396  | 10              | 3   | 13  | 272 | 1     | 0   | 1   | 5   | 14    | 8   | 22  | 673  |
| 1988             | 7               | 4   | 11  | 515  | 3               | 8   | 11  | 232 | 0     | 0   | 0   | 0   | 10    | 12  | 22  | 747  |
| 1989             | 4               | 5   | 9   | 592  | 2               | 10  | 12  | 296 | 0     | 1   | 1   | 1   | 6     | 16  | 22  | 889  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 125             | 60  | 185 | 1847 | 88              | 59  | 147 | 818 | 10    | 1   | 11  | 15  | 223   | 120 | 343 | 2680 |
| 1981             | 125             | 73  | 198 | 2031 | 114             | 49  | 163 | 875 | 5     | 2   | 7   | 13  | 244   | 124 | 368 | 2919 |
| 1982             | 109             | 59  | 168 | 1923 | 103             | 57  | 160 | 846 | 4     | 4   | 8   | 17  | 216   | 120 | 336 | 2786 |
| 1983             | 81              | 38  | 119 | 1703 | 71              | 45  | 116 | 852 | 5     | 1   | 6   | 17  | 157   | 84  | 241 | 2572 |
| 1984             | 93              | 56  | 149 | 1880 | 68              | 43  | 111 | 888 | 1     | 1   | 2   | 10  | 162   | 100 | 262 | 2778 |
| 1985             | 52              | 48  | 100 | 1678 | 59              | 33  | 92  | 910 | 2     | 1   | 3   | 9   | 113   | 82  | 195 | 2597 |
| 1986             | 42              | 34  | 76  | 1441 | 44              | 33  | 77  | 799 | 0     | 4   | 4   | 6   | 86    | 71  | 157 | 2246 |
| 1987             | 43              | 40  | 83  | 1477 | 45              | 47  | 92  | 935 | 3     | 3   | 6   | 14  | 91    | 90  | 181 | 2426 |
| 1988             | 49              | 47  | 96  | 2068 | 46              | 37  | 83  | 823 | 0     | 3   | 3   | 12  | 95    | 87  | 182 | 2903 |
| 1989             | 40              | 35  | 75  | 2138 | 32              | 42  | 74  | 921 | 0     | 2   | 2   | 13  | 72    | 79  | 151 | 3072 |

KEY: HBD -- Drivers reported by police to have been drinking

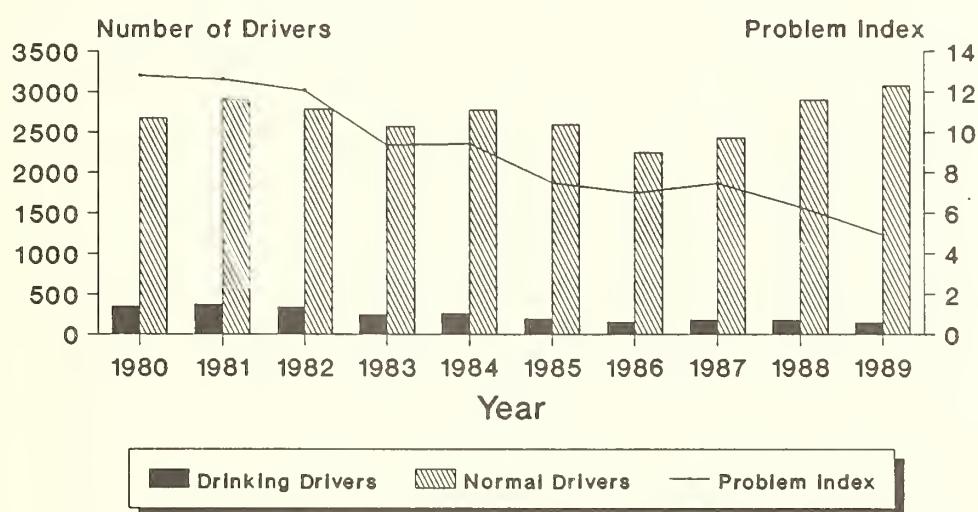
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

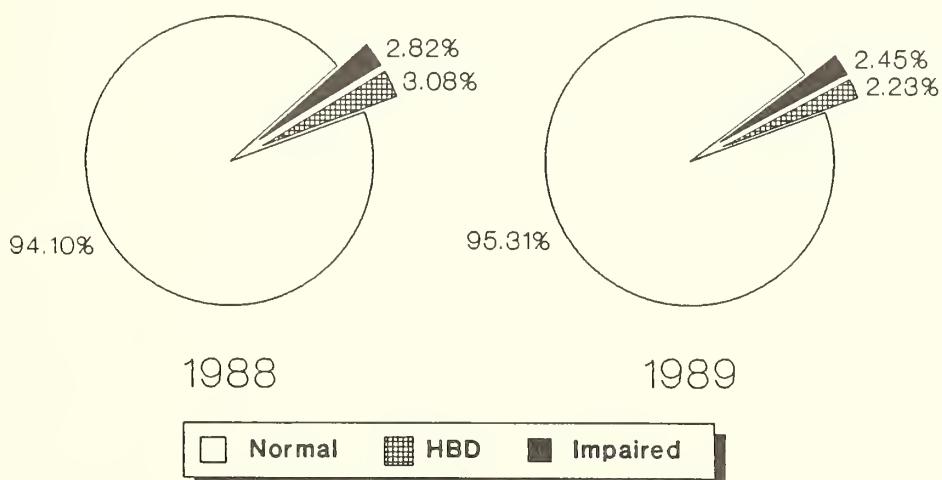
NOR -- Drivers whose condition was reported by police as "normal"

# COCHRANE

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 51              | 13  | 64  | 483  | 41              | 12  | 53  | 258 | 2     | 1   | 3   | 4   | 94    | 26  | 120 | 745  |
| 1981             | 44              | 12  | 56  | 414  | 52              | 11  | 63  | 242 | 1     | 4   | 5   | 5   | 97    | 27  | 124 | 661  |
| 1982             | 41              | 17  | 58  | 386  | 35              | 13  | 48  | 215 | 3     | 4   | 7   | 13  | 79    | 34  | 113 | 614  |
| 1983             | 37              | 16  | 53  | 424  | 37              | 14  | 51  | 219 | 2     | 6   | 8   | 7   | 76    | 36  | 112 | 650  |
| 1984             | 27              | 13  | 40  | 452  | 28              | 13  | 41  | 261 | 0     | 3   | 3   | 6   | 55    | 29  | 84  | 719  |
| 1985             | 24              | 11  | 35  | 460  | 34              | 19  | 53  | 306 | 3     | 0   | 3   | 2   | 61    | 30  | 91  | 768  |
| 1986             | 26              | 16  | 42  | 473  | 53              | 24  | 77  | 288 | 0     | 1   | 1   | 7   | 79    | 41  | 120 | 768  |
| 1987             | 27              | 8   | 35  | 545  | 24              | 15  | 39  | 364 | 2     | 2   | 4   | 8   | 53    | 25  | 78  | 917  |
| 1988             | 38              | 17  | 55  | 688  | 28              | 9   | 37  | 295 | 0     | 0   | 0   | 11  | 66    | 26  | 92  | 994  |
| 1989             | 28              | 13  | 41  | 770  | 26              | 18  | 44  | 284 | 0     | 2   | 2   | 7   | 54    | 33  | 87  | 1061 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 3               | 1   | 4   | 165  | 2               | 0   | 2   | 104 | 0     | 0   | 0   | 1   | 5     | 1   | 6   | 270  |
| 1981             | 6               | 3   | 9   | 150  | 4               | 1   | 5   | 93  | 1     | 0   | 1   | 0   | 11    | 4   | 15  | 243  |
| 1982             | 2               | 1   | 3   | 177  | 4               | 0   | 4   | 84  | 0     | 0   | 0   | 3   | 6     | 1   | 7   | 264  |
| 1983             | 3               | 0   | 3   | 171  | 3               | 3   | 6   | 70  | 0     | 0   | 0   | 2   | 6     | 3   | 9   | 243  |
| 1984             | 4               | 2   | 6   | 218  | 4               | 3   | 7   | 117 | 0     | 0   | 0   | 1   | 8     | 5   | 13  | 336  |
| 1985             | 6               | 0   | 6   | 184  | 4               | 0   | 4   | 132 | 0     | 1   | 1   | 0   | 10    | 1   | 11  | 316  |
| 1986             | 2               | 1   | 3   | 206  | 2               | 2   | 4   | 141 | 0     | 0   | 0   | 3   | 4     | 3   | 7   | 350  |
| 1987             | 0               | 2   | 2   | 209  | 10              | 3   | 13  | 159 | 0     | 0   | 0   | 3   | 10    | 5   | 15  | 371  |
| 1988             | 5               | 1   | 6   | 288  | 3               | 2   | 5   | 166 | 0     | 0   | 0   | 4   | 8     | 3   | 11  | 458  |
| 1989             | 4               | 0   | 4   | 353  | 3               | 1   | 4   | 181 | 0     | 0   | 0   | 7   | 7     | 1   | 8   | 541  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 54              | 14  | 68  | 648  | 43              | 12  | 55  | 362 | 2     | 1   | 3   | 5   | 99    | 27  | 126 | 1015 |
| 1981             | 50              | 15  | 65  | 564  | 56              | 12  | 68  | 335 | 2     | 4   | 6   | 5   | 108   | 31  | 139 | 904  |
| 1982             | 43              | 18  | 61  | 563  | 39              | 13  | 52  | 299 | 3     | 4   | 7   | 16  | 85    | 35  | 120 | 878  |
| 1983             | 40              | 16  | 56  | 595  | 40              | 17  | 57  | 289 | 2     | 6   | 8   | 9   | 82    | 39  | 121 | 893  |
| 1984             | 31              | 15  | 46  | 670  | 32              | 16  | 48  | 378 | 0     | 3   | 3   | 7   | 63    | 34  | 97  | 1055 |
| 1985             | 30              | 11  | 41  | 644  | 38              | 19  | 57  | 438 | 3     | 1   | 4   | 2   | 71    | 31  | 102 | 1084 |
| 1986             | 28              | 17  | 45  | 679  | 55              | 26  | 81  | 429 | 0     | 1   | 1   | 10  | 83    | 44  | 127 | 1118 |
| 1987             | 27              | 10  | 37  | 754  | 34              | 18  | 52  | 523 | 2     | 2   | 4   | 11  | 63    | 30  | 93  | 1288 |
| 1988             | 43              | 18  | 61  | 976  | 31              | 11  | 42  | 461 | 0     | 0   | 0   | 15  | 74    | 29  | 103 | 1452 |
| 1989             | 32              | 13  | 45  | 1123 | 29              | 19  | 48  | 465 | 0     | 2   | 2   | 14  | 61    | 34  | 95  | 1602 |

KEY: HBD -- Drivers reported by police to have been drinking

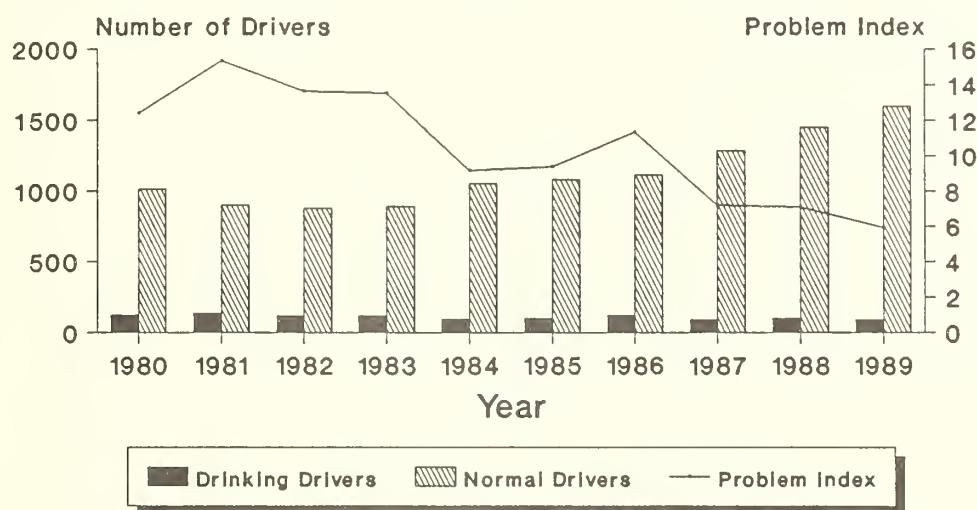
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

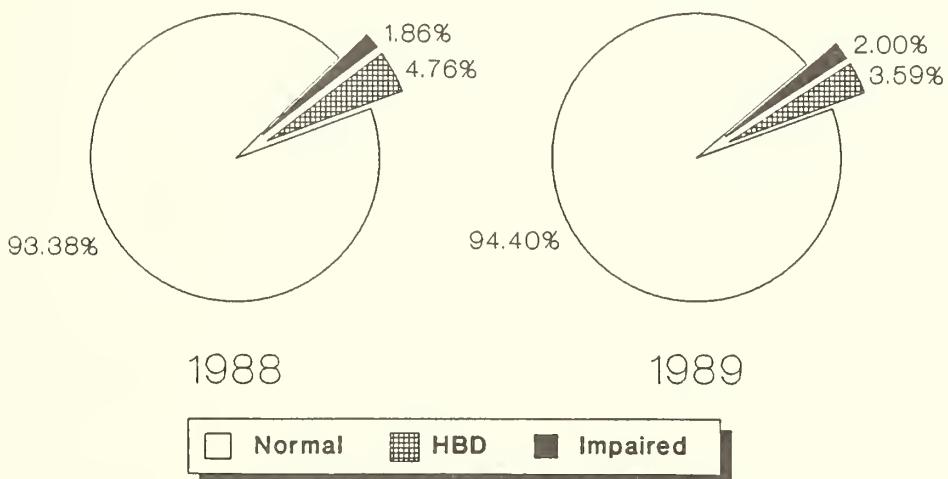
NOR -- Drivers whose condition was reported by police as "normal"

# DUFFERIN

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



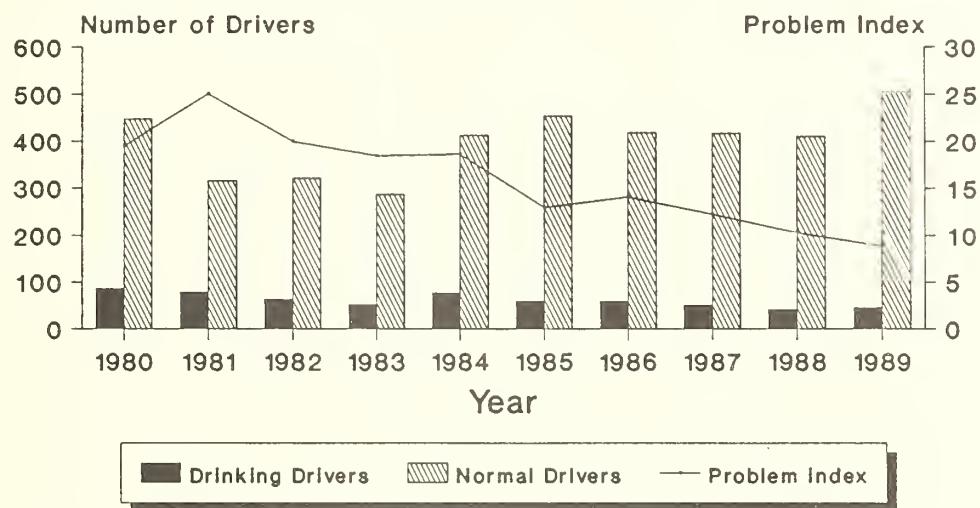
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 33              | 14  | 47  | 239 | 24              | 9   | 33  | 82  | 0     | 2   | 2   | 7   | 57    | 25  | 82  | 328 |
| 1981             | 31              | 10  | 41  | 164 | 22              | 6   | 28  | 69  | 1     | 2   | 3   | 6   | 54    | 18  | 72  | 239 |
| 1982             | 28              | 4   | 32  | 170 | 15              | 5   | 20  | 60  | 3     | 1   | 4   | 4   | 46    | 10  | 56  | 234 |
| 1983             | 23              | 3   | 26  | 131 | 17              | 5   | 22  | 61  | 0     | 1   | 1   | 6   | 40    | 9   | 49  | 198 |
| 1984             | 28              | 7   | 35  | 206 | 23              | 13  | 36  | 88  | 1     | 1   | 2   | 5   | 52    | 21  | 73  | 299 |
| 1985             | 19              | 5   | 24  | 203 | 19              | 10  | 29  | 112 | 0     | 1   | 1   | 2   | 38    | 16  | 54  | 317 |
| 1986             | 17              | 9   | 26  | 202 | 16              | 9   | 25  | 98  | 2     | 1   | 3   | 0   | 35    | 19  | 54  | 300 |
| 1987             | 16              | 5   | 21  | 174 | 19              | 7   | 26  | 117 | 0     | 0   | 0   | 3   | 35    | 12  | 47  | 294 |
| 1988             | 9               | 9   | 18  | 199 | 13              | 5   | 18  | 79  | 1     | 1   | 2   | 1   | 23    | 15  | 38  | 279 |
| 1989             | 13              | 6   | 19  | 245 | 10              | 8   | 18  | 101 | 1     | 1   | 2   | 3   | 24    | 15  | 39  | 349 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 3               | 0   | 3   | 87  | 1               | 1   | 2   | 31  | 0     | 0   | 0   | 1   | 4     | 1   | 5   | 119 |
| 1981             | 2               | 1   | 3   | 54  | 4               | 0   | 4   | 22  | 0     | 0   | 0   | 1   | 6     | 1   | 7   | 77  |
| 1982             | 2               | 0   | 2   | 60  | 5               | 0   | 5   | 25  | 1     | 0   | 1   | 2   | 8     | 0   | 8   | 87  |
| 1983             | 3               | 0   | 3   | 58  | 1               | 0   | 1   | 30  | 0     | 0   | 0   | 1   | 4     | 0   | 4   | 89  |
| 1984             | 2               | 1   | 3   | 80  | 1               | 0   | 1   | 34  | 0     | 0   | 0   | 0   | 3     | 1   | 4   | 114 |
| 1985             | 1               | 0   | 1   | 89  | 3               | 1   | 4   | 47  | 0     | 0   | 0   | 1   | 4     | 1   | 5   | 137 |
| 1986             | 2               | 0   | 2   | 82  | 1               | 2   | 3   | 36  | 0     | 0   | 0   | 0   | 3     | 2   | 5   | 118 |
| 1987             | 1               | 0   | 1   | 74  | 3               | 0   | 3   | 48  | 0     | 0   | 0   | 0   | 4     | 0   | 4   | 122 |
| 1988             | 1               | 0   | 1   | 80  | 2               | 1   | 3   | 51  | 0     | 0   | 0   | 0   | 3     | 1   | 4   | 131 |
| 1989             | 0               | 1   | 1   | 110 | 4               | 0   | 4   | 48  | 1     | 0   | 1   | 1   | 5     | 1   | 6   | 159 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 36              | 14  | 50  | 326 | 25              | 10  | 35  | 113 | 0     | 2   | 2   | 8   | 61    | 26  | 87  | 447 |
| 1981             | 33              | 11  | 44  | 218 | 26              | 6   | 32  | 91  | 1     | 2   | 3   | 7   | 60    | 19  | 79  | 316 |
| 1982             | 30              | 4   | 34  | 230 | 20              | 5   | 25  | 85  | 4     | 1   | 5   | 6   | 54    | 10  | 64  | 321 |
| 1983             | 26              | 3   | 29  | 189 | 18              | 5   | 23  | 91  | 0     | 1   | 1   | 7   | 44    | 9   | 53  | 287 |
| 1984             | 30              | 8   | 38  | 286 | 24              | 13  | 37  | 122 | 1     | 1   | 2   | 5   | 55    | 22  | 77  | 413 |
| 1985             | 20              | 5   | 25  | 292 | 22              | 11  | 33  | 159 | 0     | 1   | 1   | 3   | 42    | 17  | 59  | 454 |
| 1986             | 19              | 9   | 28  | 284 | 17              | 11  | 28  | 134 | 2     | 1   | 3   | 0   | 38    | 21  | 59  | 418 |
| 1987             | 17              | 5   | 22  | 248 | 22              | 7   | 29  | 165 | 0     | 0   | 0   | 3   | 39    | 12  | 51  | 416 |
| 1988             | 10              | 9   | 19  | 279 | 15              | 6   | 21  | 130 | 1     | 1   | 2   | 1   | 26    | 16  | 42  | 410 |
| 1989             | 13              | 7   | 20  | 355 | 14              | 8   | 22  | 149 | 2     | 1   | 3   | 4   | 29    | 16  | 45  | 508 |

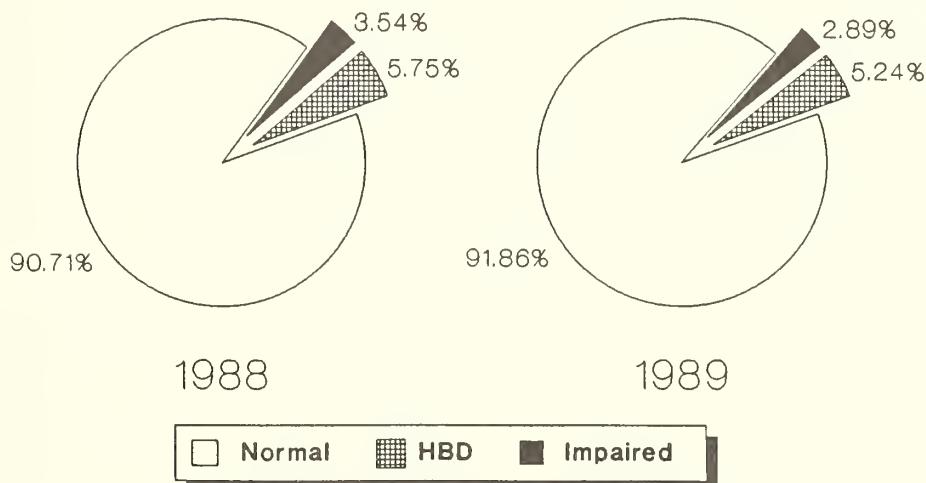
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as 'normal'

# DUNDAS

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## DURHAM REGIONAL MUNICIPALITY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |       |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|-------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR   |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 277             | 128 | 405 | 3542 | 308             | 148 | 456 | 2100 | 4     | 16  | 20  | 29  | 589   | 292 | 881 | 5671  |
| 1981             | 306             | 150 | 456 | 3849 | 309             | 121 | 430 | 2155 | 6     | 13  | 19  | 38  | 621   | 284 | 905 | 6042  |
| 1982             | 276             | 144 | 420 | 3664 | 268             | 112 | 380 | 2138 | 10    | 10  | 20  | 35  | 554   | 266 | 820 | 5837  |
| 1983             | 241             | 134 | 375 | 3525 | 302             | 130 | 432 | 1983 | 7     | 19  | 26  | 24  | 550   | 283 | 833 | 5532  |
| 1984             | 269             | 127 | 396 | 3818 | 295             | 121 | 416 | 2236 | 1     | 10  | 11  | 78  | 565   | 258 | 823 | 6132  |
| 1985             | 247             | 118 | 365 | 3795 | 269             | 131 | 400 | 2768 | 4     | 10  | 14  | 36  | 520   | 259 | 779 | 6599  |
| 1986             | 224             | 109 | 333 | 3904 | 235             | 127 | 362 | 2833 | 7     | 10  | 17  | 32  | 466   | 246 | 712 | 6769  |
| 1987             | 197             | 132 | 329 | 4188 | 234             | 163 | 397 | 3100 | 7     | 7   | 14  | 35  | 438   | 302 | 740 | 7323  |
| 1988             | 239             | 163 | 402 | 5275 | 177             | 150 | 327 | 2918 | 8     | 7   | 15  | 36  | 424   | 320 | 744 | 8229  |
| 1989             | 219             | 167 | 386 | 5756 | 136             | 147 | 283 | 2817 | 3     | 10  | 13  | 37  | 358   | 324 | 682 | 8610  |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 25              | 8   | 33  | 1367 | 52              | 9   | 61  | 877  | 1     | 5   | 6   | 3   | 78    | 22  | 100 | 2247  |
| 1981             | 19              | 13  | 32  | 1498 | 39              | 13  | 52  | 960  | 3     | 1   | 4   | 5   | 61    | 27  | 88  | 2463  |
| 1982             | 34              | 10  | 44  | 1455 | 41              | 9   | 50  | 943  | 1     | 0   | 1   | 9   | 76    | 19  | 95  | 2407  |
| 1983             | 41              | 12  | 53  | 1409 | 42              | 12  | 54  | 915  | 0     | 0   | 0   | 8   | 83    | 24  | 107 | 2332  |
| 1984             | 38              | 13  | 51  | 1589 | 31              | 11  | 42  | 1036 | 0     | 1   | 1   | 16  | 69    | 25  | 94  | 2641  |
| 1985             | 27              | 6   | 33  | 1677 | 41              | 9   | 50  | 1258 | 0     | 1   | 1   | 8   | 68    | 16  | 84  | 2943  |
| 1986             | 13              | 8   | 21  | 1749 | 24              | 6   | 30  | 1387 | 0     | 0   | 0   | 8   | 37    | 14  | 51  | 3144  |
| 1987             | 27              | 9   | 36  | 1842 | 42              | 15  | 57  | 1553 | 0     | 2   | 2   | 7   | 69    | 26  | 95  | 3402  |
| 1988             | 33              | 23  | 56  | 2378 | 41              | 18  | 59  | 1538 | 0     | 0   | 0   | 13  | 74    | 41  | 115 | 3929  |
| 1989             | 23              | 20  | 43  | 2926 | 23              | 20  | 43  | 1555 | 1     | 0   | 1   | 10  | 47    | 40  | 87  | 4491  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 302             | 136 | 438 | 4909 | 360             | 157 | 517 | 2977 | 5     | 21  | 26  | 32  | 667   | 314 | 981 | 7918  |
| 1981             | 325             | 163 | 488 | 5162 | 348             | 134 | 482 | 3115 | 9     | 14  | 23  | 43  | 682   | 311 | 993 | 8320  |
| 1982             | 310             | 154 | 464 | 5119 | 309             | 121 | 430 | 3081 | 11    | 10  | 21  | 44  | 630   | 285 | 915 | 8244  |
| 1983             | 282             | 146 | 428 | 4934 | 344             | 142 | 486 | 2898 | 7     | 19  | 26  | 32  | 633   | 307 | 940 | 7864  |
| 1984             | 307             | 140 | 447 | 5407 | 326             | 132 | 458 | 3272 | 1     | 11  | 12  | 94  | 634   | 283 | 917 | 8773  |
| 1985             | 274             | 124 | 398 | 5472 | 310             | 140 | 450 | 4026 | 4     | 11  | 15  | 44  | 588   | 275 | 863 | 9542  |
| 1986             | 237             | 117 | 354 | 5653 | 259             | 133 | 392 | 4220 | 7     | 10  | 17  | 40  | 503   | 260 | 763 | 9913  |
| 1987             | 224             | 141 | 365 | 6030 | 276             | 178 | 454 | 4653 | 7     | 9   | 16  | 42  | 507   | 328 | 835 | 10725 |
| 1988             | 272             | 186 | 458 | 7653 | 218             | 168 | 386 | 4456 | 8     | 7   | 15  | 49  | 498   | 361 | 859 | 12158 |
| 1989             | 242             | 187 | 429 | 8682 | 159             | 167 | 326 | 4372 | 4     | 10  | 14  | 47  | 405   | 364 | 769 | 13101 |

KEY: HBD -- Drivers reported by police to have been drinking

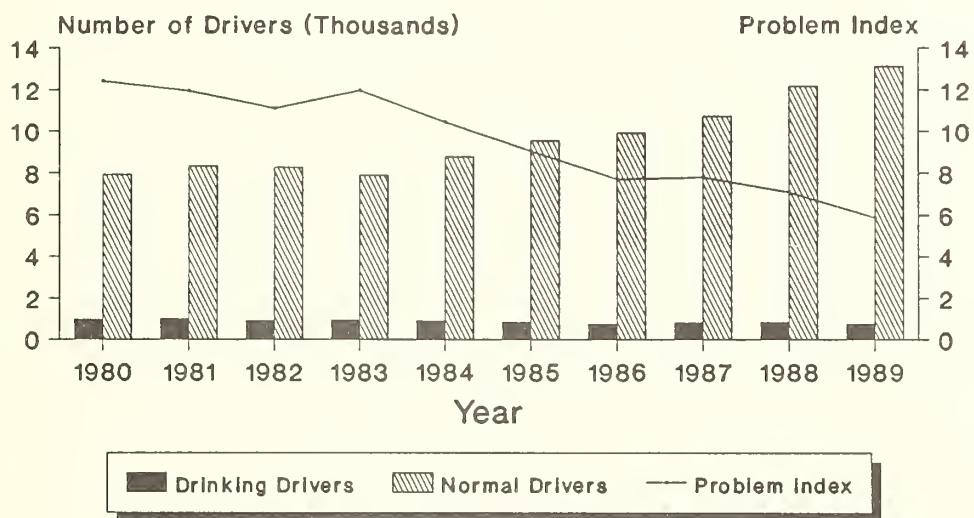
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

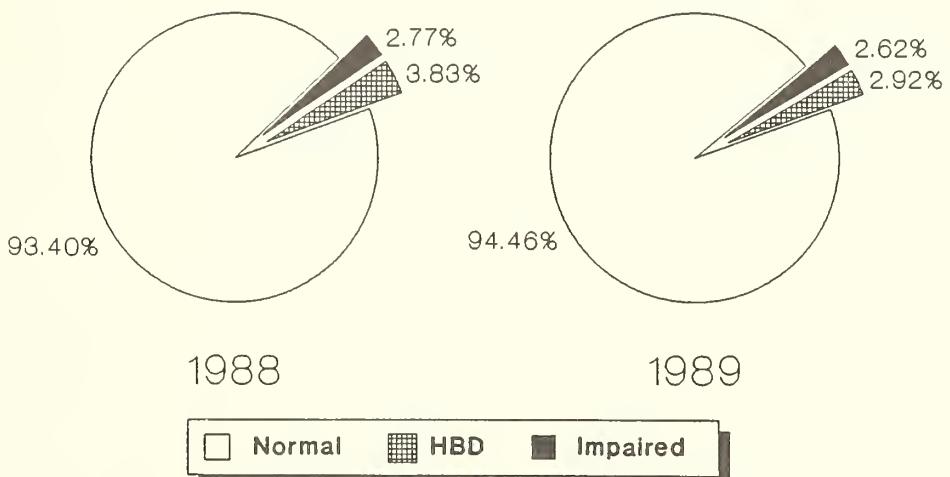
NOR -- Drivers whose condition was reported by police as "normal"

# DURHAM REGIONAL MUNICIPALITY

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 80              | 43  | 123 | 671  | 80              | 34  | 114 | 418 | 4     | 4   | 8   | 7   | 164   | 81  | 245 | 1096 |
| 1981             | 73              | 44  | 117 | 634  | 62              | 26  | 88  | 333 | 3     | 4   | 7   | 9   | 138   | 74  | 212 | 976  |
| 1982             | 61              | 34  | 95  | 621  | 80              | 30  | 110 | 251 | 2     | 2   | 4   | 8   | 143   | 66  | 209 | 880  |
| 1983             | 53              | 28  | 81  | 574  | 45              | 31  | 76  | 290 | 0     | 2   | 2   | 5   | 98    | 61  | 159 | 869  |
| 1984             | 43              | 36  | 79  | 711  | 47              | 30  | 77  | 306 | 5     | 2   | 7   | 17  | 95    | 68  | 163 | 1034 |
| 1985             | 46              | 23  | 69  | 588  | 45              | 28  | 73  | 366 | 0     | 2   | 2   | 6   | 91    | 53  | 144 | 960  |
| 1986             | 38              | 23  | 61  | 625  | 39              | 25  | 64  | 406 | 0     | 6   | 6   | 7   | 77    | 54  | 131 | 1038 |
| 1987             | 34              | 19  | 53  | 604  | 31              | 32  | 63  | 415 | 1     | 4   | 5   | 6   | 66    | 55  | 121 | 1025 |
| 1988             | 38              | 18  | 56  | 670  | 41              | 21  | 62  | 449 | 0     | 4   | 4   | 4   | 79    | 43  | 122 | 1123 |
| 1989             | 27              | 17  | 44  | 730  | 39              | 26  | 65  | 505 | 2     | 3   | 5   | 4   | 68    | 46  | 114 | 1239 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 8               | 3   | 11  | 261  | 15              | 7   | 22  | 199 | 1     | 0   | 1   | 0   | 24    | 10  | 34  | 460  |
| 1981             | 9               | 5   | 14  | 284  | 7               | 1   | 8   | 161 | 0     | 0   | 0   | 6   | 16    | 6   | 22  | 451  |
| 1982             | 8               | 2   | 10  | 248  | 8               | 3   | 11  | 136 | 2     | 0   | 2   | 3   | 18    | 5   | 23  | 387  |
| 1983             | 4               | 1   | 5   | 254  | 5               | 5   | 10  | 162 | 0     | 0   | 0   | 2   | 9     | 6   | 15  | 418  |
| 1984             | 4               | 4   | 8   | 321  | 10              | 2   | 12  | 161 | 0     | 0   | 0   | 3   | 14    | 6   | 20  | 485  |
| 1985             | 4               | 5   | 9   | 299  | 5               | 4   | 9   | 219 | 0     | 0   | 0   | 4   | 9     | 9   | 18  | 522  |
| 1986             | 6               | 3   | 9   | 267  | 4               | 4   | 8   | 211 | 0     | 0   | 0   | 2   | 10    | 7   | 17  | 480  |
| 1987             | 4               | 5   | 9   | 308  | 8               | 3   | 11  | 267 | 1     | 0   | 1   | 4   | 13    | 8   | 21  | 579  |
| 1988             | 1               | 4   | 5   | 346  | 5               | 4   | 9   | 273 | 1     | 0   | 1   | 1   | 7     | 8   | 15  | 620  |
| 1989             | 6               | 1   | 7   | 414  | 5               | 3   | 8   | 273 | 0     | 0   | 0   | 1   | 11    | 4   | 15  | 688  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 88              | 46  | 134 | 932  | 95              | 41  | 136 | 617 | 5     | 4   | 9   | 7   | 188   | 91  | 279 | 1556 |
| 1981             | 82              | 49  | 131 | 918  | 69              | 27  | 96  | 494 | 3     | 4   | 7   | 15  | 154   | 80  | 234 | 1427 |
| 1982             | 69              | 36  | 105 | 869  | 88              | 33  | 121 | 387 | 4     | 2   | 6   | 11  | 161   | 71  | 232 | 1257 |
| 1983             | 57              | 29  | 86  | 828  | 50              | 36  | 86  | 452 | 0     | 2   | 2   | 7   | 107   | 67  | 174 | 1287 |
| 1984             | 47              | 40  | 87  | 1032 | 57              | 32  | 89  | 467 | 5     | 2   | 7   | 20  | 109   | 74  | 183 | 1519 |
| 1985             | 50              | 28  | 78  | 887  | 50              | 32  | 82  | 585 | 0     | 2   | 2   | 10  | 100   | 62  | 162 | 1482 |
| 1986             | 44              | 26  | 70  | 892  | 43              | 29  | 72  | 617 | 0     | 6   | 6   | 9   | 87    | 61  | 148 | 1518 |
| 1987             | 38              | 24  | 62  | 912  | 39              | 35  | 74  | 682 | 2     | 4   | 6   | 10  | 79    | 63  | 142 | 1604 |
| 1988             | 39              | 22  | 61  | 1016 | 46              | 25  | 71  | 722 | 1     | 4   | 5   | 5   | 86    | .51 | 137 | 1743 |
| 1989             | 33              | 18  | 51  | 1144 | 44              | 29  | 73  | 778 | 2     | 3   | 5   | 5   | 79    | 50  | 129 | 1927 |

KEY: HBD -- Drivers reported by police to have been drinking

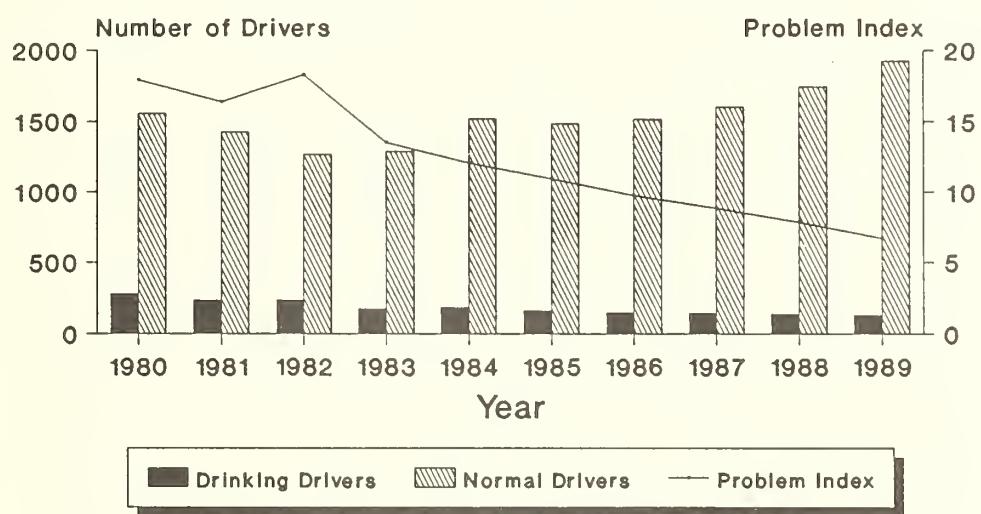
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

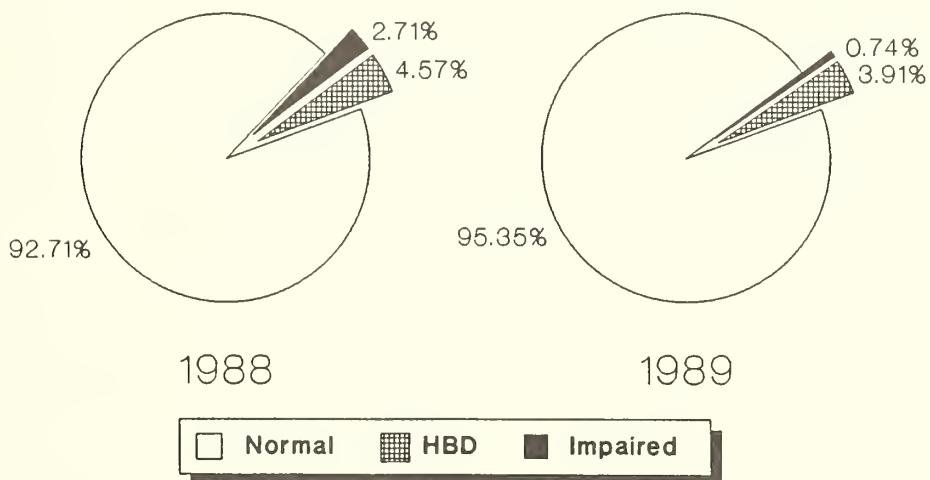
NOR -- Drivers whose condition was reported by police as "normal"

# ELGIN

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## ESSEX

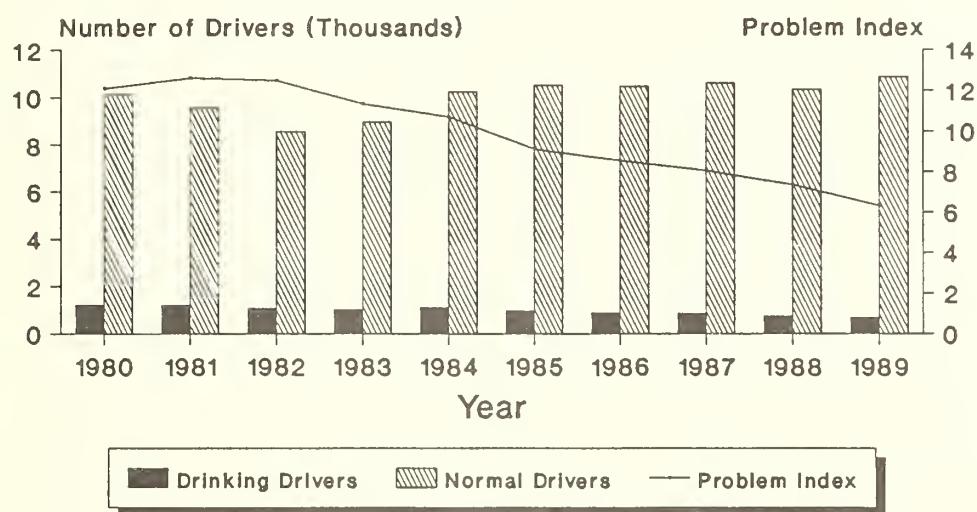
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 363             | 194 | 557 | 4734 | 400             | 127 | 527 | 2565 | 13    | 9   | 22  | 32  | 776   | 330 | 1106 | 7331  |
| 1981             | 373             | 162 | 535 | 4312 | 375             | 135 | 510 | 2439 | 13    | 2   | 15  | 20  | 761   | 299 | 1060 | 6771  |
| 1982             | 297             | 139 | 436 | 3785 | 385             | 124 | 509 | 2267 | 6     | 7   | 13  | 19  | 688   | 270 | 958  | 6071  |
| 1983             | 294             | 150 | 444 | 3890 | 332             | 102 | 434 | 2392 | 4     | 12  | 15  | 28  | 630   | 264 | 894  | 6310  |
| 1984             | 299             | 176 | 475 | 4468 | 339             | 153 | 492 | 2627 | 5     | 11  | 16  | 21  | 643   | 340 | 983  | 7116  |
| 1985             | 229             | 139 | 368 | 4272 | 332             | 145 | 477 | 2994 | 9     | 8   | 17  | 25  | 570   | 292 | 862  | 7291  |
| 1986             | 228             | 118 | 346 | 4162 | 277             | 132 | 409 | 2983 | 3     | 11  | 14  | 35  | 508   | 261 | 769  | 7180  |
| 1987             | 236             | 112 | 348 | 4121 | 241             | 135 | 376 | 3014 | 4     | 11  | 15  | 24  | 481   | 258 | 739  | 7159  |
| 1988             | 192             | 112 | 304 | 4176 | 219             | 125 | 344 | 2610 | 3     | 10  | 13  | 27  | 414   | 247 | 661  | 6813  |
| 1989             | 193             | 105 | 298 | 4458 | 160             | 124 | 284 | 2581 | 10    | 9   | 19  | 32  | 363   | 238 | 601  | 7071  |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 37              | 8   | 45  | 1749 | 54              | 14  | 68  | 1034 | 4     | 1   | 5   | 5   | 95    | 23  | 118  | 2788  |
| 1981             | 58              | 26  | 84  | 1706 | 52              | 10  | 62  | 1074 | 0     | 1   | 1   | 6   | 110   | 37  | 147  | 2786  |
| 1982             | 34              | 7   | 41  | 1535 | 53              | 15  | 68  | 942  | 0     | 2   | 2   | 9   | 87    | 24  | 111  | 2486  |
| 1983             | 42              | 13  | 55  | 1587 | 52              | 12  | 64  | 1047 | 1     | 1   | 2   | 9   | 95    | 26  | 121  | 2643  |
| 1984             | 38              | 16  | 54  | 1899 | 46              | 10  | 56  | 1210 | 0     | 1   | 1   | 5   | 84    | 27  | 111  | 3114  |
| 1985             | 27              | 16  | 43  | 1781 | 40              | 11  | 51  | 1421 | 0     | 0   | 0   | 9   | 67    | 27  | 94   | 3211  |
| 1986             | 29              | 25  | 54  | 1788 | 44              | 24  | 68  | 1474 | 0     | 2   | 2   | 6   | 73    | 51  | 124  | 3268  |
| 1987             | 32              | 19  | 51  | 1909 | 40              | 20  | 60  | 1525 | 0     | 0   | 0   | 5   | 72    | 39  | 111  | 3439  |
| 1988             | 30              | 20  | 50  | 2069 | 36              | 8   | 44  | 1425 | 1     | 0   | 1   | 4   | 67    | 28  | 95   | 3498  |
| 1989             | 27              | 18  | 45  | 2261 | 30              | 8   | 38  | 1516 | 1     | 0   | 1   | 9   | 58    | 26  | 84   | 3786  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 400             | 202 | 602 | 6483 | 454             | 141 | 595 | 3599 | 17    | 10  | 27  | 37  | 871   | 353 | 1224 | 10119 |
| 1981             | 431             | 188 | 619 | 6018 | 427             | 145 | 572 | 3513 | 13    | 3   | 16  | 26  | 871   | 336 | 1207 | 9557  |
| 1982             | 331             | 146 | 477 | 5320 | 438             | 139 | 577 | 3209 | 6     | 9   | 15  | 28  | 775   | 294 | 1069 | 8557  |
| 1983             | 336             | 163 | 499 | 5477 | 384             | 114 | 498 | 3439 | 5     | 13  | 18  | 37  | 725   | 290 | 1015 | 8953  |
| 1984             | 337             | 192 | 529 | 6367 | 385             | 163 | 548 | 3837 | 5     | 12  | 17  | 26  | 727   | 367 | 1094 | 10230 |
| 1985             | 256             | 155 | 411 | 6053 | 372             | 156 | 528 | 4415 | 9     | 8   | 17  | 34  | 637   | 319 | 956  | 10502 |
| 1986             | 257             | 143 | 400 | 5950 | 321             | 156 | 477 | 4457 | 3     | 13  | 16  | 41  | 581   | 312 | 893  | 10448 |
| 1987             | 268             | 131 | 399 | 6030 | 281             | 155 | 436 | 4539 | 4     | 11  | 15  | 29  | 553   | 297 | 850  | 10598 |
| 1988             | 222             | 132 | 354 | 6245 | 255             | 133 | 388 | 4035 | 4     | 10  | 14  | 31  | 481   | 275 | 756  | 10311 |
| 1989             | 220             | 123 | 343 | 6719 | 190             | 132 | 322 | 4097 | 11    | 9   | 20  | 41  | 421   | 264 | 685  | 10857 |

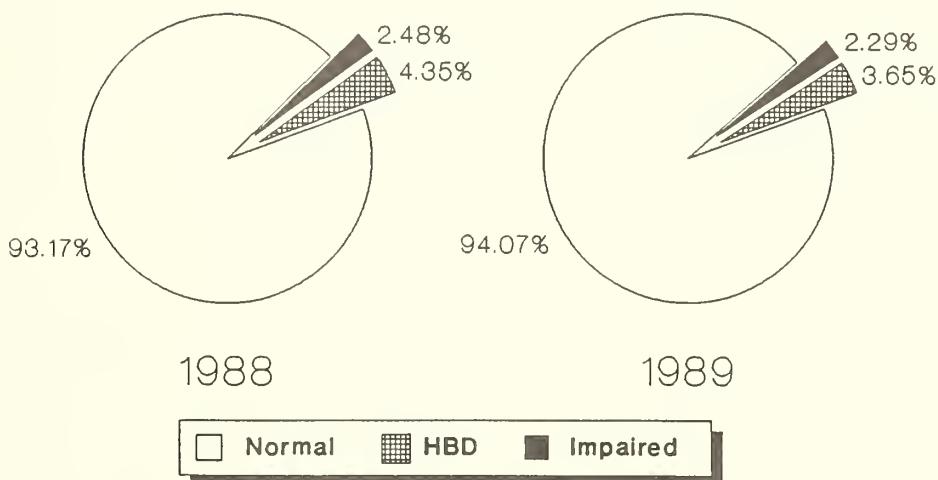
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# ESSEX

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## FRONTENAC

## Drivers Involved In Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 137             | 77  | 214 | 1539 | 118             | 69  | 187 | 787  | 0     | 3   | 3   | 15  | 255   | 149 | 404 | 2341 |
| 1981             | 106             | 63  | 169 | 1453 | 101             | 60  | 161 | 783  | 1     | 3   | 4   | 7   | 208   | 126 | 334 | 2243 |
| 1982             | 103             | 63  | 166 | 1429 | 75              | 61  | 136 | 728  | 0     | 7   | 7   | 3   | 178   | 131 | 309 | 2160 |
| 1983             | 96              | 58  | 154 | 1515 | 99              | 50  | 149 | 774  | 3     | 2   | 5   | 13  | 198   | 110 | 308 | 2302 |
| 1984             | 86              | 56  | 142 | 1659 | 83              | 61  | 144 | 838  | 0     | 3   | 3   | 6   | 169   | 120 | 289 | 2503 |
| 1985             | 70              | 46  | 116 | 1689 | 71              | 41  | 112 | 951  | 3     | 2   | 5   | 11  | 144   | 89  | 233 | 2651 |
| 1986             | 53              | 61  | 114 | 1584 | 72              | 51  | 123 | 902  | 1     | 7   | 8   | 14  | 126   | 119 | 245 | 2500 |
| 1987             | 48              | 59  | 107 | 1595 | 51              | 42  | 93  | 983  | 0     | 6   | 6   | 10  | 99    | 107 | 206 | 2588 |
| 1988             | 67              | 56  | 123 | 1865 | 32              | 35  | 67  | 900  | 1     | 3   | 4   | 9   | 100   | 94  | 194 | 2774 |
| 1989             | 46              | 45  | 91  | 2259 | 46              | 39  | 85  | 992  | 2     | 0   | 2   | 5   | 94    | 84  | 178 | 3256 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 18              | 6   | 24  | 596  | 14              | 3   | 17  | 355  | 0     | 0   | 0   | 1   | 32    | 9   | 41  | 952  |
| 1981             | 12              | 5   | 17  | 588  | 23              | 6   | 29  | 338  | 0     | 0   | 0   | 3   | 35    | 11  | 46  | 929  |
| 1982             | 16              | 6   | 22  | 616  | 9               | 1   | 10  | 339  | 0     | 0   | 0   | 0   | 25    | 7   | 32  | 955  |
| 1983             | 16              | 4   | 20  | 642  | 15              | 6   | 21  | 322  | 0     | 0   | 0   | 5   | 31    | 10  | 41  | 969  |
| 1984             | 9               | 3   | 12  | 640  | 14              | 7   | 21  | 400  | 2     | 0   | 2   | 2   | 25    | 10  | 35  | 1042 |
| 1985             | 14              | 4   | 18  | 666  | 15              | 6   | 21  | 426  | 0     | 0   | 0   | 1   | 29    | 10  | 39  | 1093 |
| 1986             | 5               | 9   | 14  | 710  | 11              | 5   | 16  | 464  | 0     | 1   | 1   | 7   | 16    | 15  | 31  | 1181 |
| 1987             | 10              | 6   | 16  | 728  | 10              | 4   | 14  | 484  | 0     | 0   | 0   | 2   | 20    | 10  | 30  | 1214 |
| 1988             | 6               | 4   | 10  | 845  | 4               | 7   | 11  | 482  | 0     | 1   | 1   | 2   | 10    | 12  | 22  | 1329 |
| 1989             | 9               | 4   | 13  | 1034 | 8               | 4   | 12  | 517  | 0     | 1   | 1   | 3   | 17    | 9   | 26  | 1554 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 155             | 83  | 238 | 2135 | 132             | 72  | 204 | 1142 | 0     | 3   | 3   | 16  | 287   | 158 | 445 | 3293 |
| 1981             | 118             | 68  | 186 | 2041 | 124             | 66  | 190 | 1121 | 1     | 3   | 4   | 10  | 243   | 137 | 380 | 3172 |
| 1982             | 119             | 69  | 188 | 2045 | 84              | 62  | 146 | 1067 | 0     | 7   | 7   | 3   | 203   | 138 | 341 | 3115 |
| 1983             | 112             | 62  | 174 | 2157 | 114             | 56  | 170 | 1096 | 3     | 2   | 5   | 18  | 229   | 120 | 349 | 3271 |
| 1984             | 95              | 59  | 154 | 2299 | 97              | 68  | 165 | 1238 | 2     | 3   | 5   | 8   | 194   | 130 | 324 | 3545 |
| 1985             | 84              | 50  | 134 | 2355 | 86              | 47  | 133 | 1377 | 3     | 2   | 5   | 12  | 173   | 99  | 272 | 3744 |
| 1986             | 58              | 70  | 128 | 2294 | 83              | 56  | 139 | 1366 | 1     | 8   | 9   | 21  | 142   | 134 | 276 | 3681 |
| 1987             | 58              | 65  | 123 | 2323 | 61              | 46  | 107 | 1467 | 0     | 6   | 6   | 12  | 119   | 117 | 236 | 3802 |
| 1988             | 73              | 60  | 133 | 2710 | 36              | 42  | 78  | 1382 | 1     | 4   | 5   | 11  | 110   | 106 | 216 | 4103 |
| 1989             | 55              | 49  | 104 | 3293 | 54              | 43  | 97  | 1509 | 2     | 1   | 3   | 8   | 111   | 93  | 204 | 4810 |

KEY: HBD -- Drivers reported by police to have been drinking

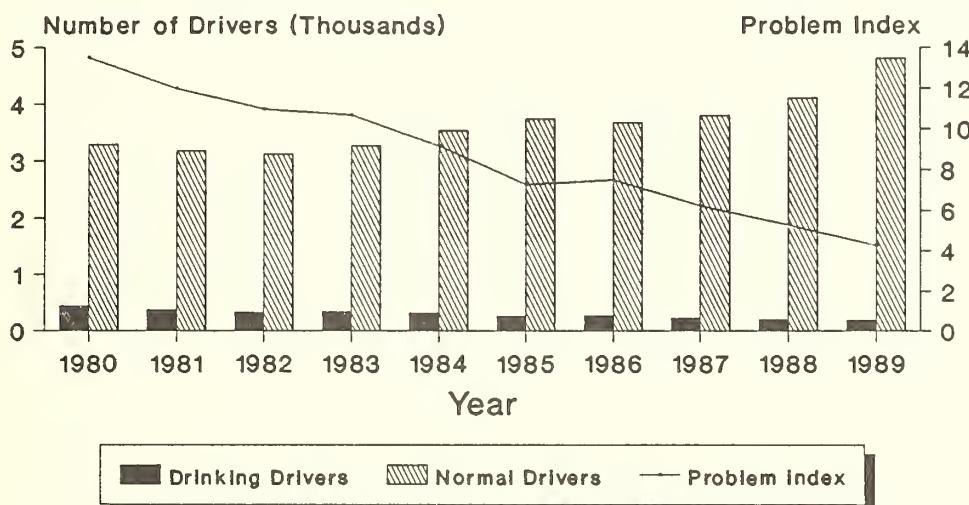
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

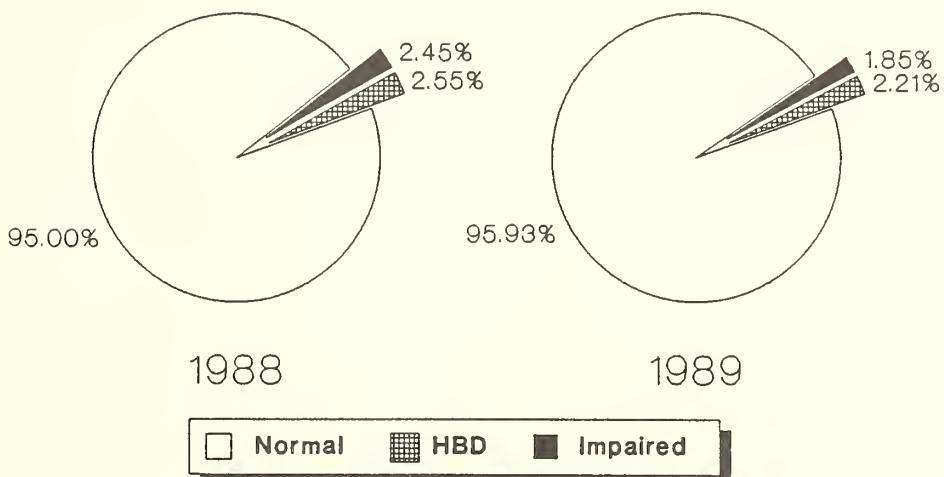
NOR -- Drivers whose condition was reported by police as "normal"

# FRONTENAC

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## GLENGARRY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 44              | 10  | 54  | 293 | 46              | 13  | 59  | 142 | 2     | 2   | 4   | 3   | 92    | 25  | 117 | 438 |
| 1981             | 42              | 7   | 49  | 271 | 36              | 10  | 46  | 146 | 4     | 0   | 4   | 7   | 82    | 17  | 99  | 424 |
| 1982             | 36              | 6   | 42  | 290 | 48              | 6   | 54  | 129 | 0     | 5   | 5   | 3   | 84    | 17  | 101 | 422 |
| 1983             | 37              | 8   | 45  | 300 | 41              | 10  | 51  | 136 | 0     | 1   | 1   | 5   | 78    | 19  | 97  | 441 |
| 1984             | 39              | 5   | 44  | 326 | 28              | 11  | 39  | 144 | 0     | 2   | 2   | 3   | 67    | 18  | 85  | 473 |
| 1985             | 25              | 14  | 39  | 310 | 35              | 7   | 42  | 160 | 0     | 0   | 0   | 2   | 60    | 21  | 81  | 472 |
| 1986             | 29              | 5   | 34  | 236 | 17              | 6   | 23  | 123 | 1     | 1   | 2   | 2   | 47    | 12  | 59  | 361 |
| 1987             | 29              | 4   | 33  | 260 | 17              | 9   | 26  | 152 | 3     | 0   | 3   | 4   | 49    | 13  | 62  | 416 |
| 1988             | 32              | 6   | 38  | 345 | 22              | 9   | 31  | 143 | 1     | 0   | 1   | 1   | 55    | 15  | 70  | 489 |
| 1989             | 21              | 6   | 27  | 338 | 14              | 6   | 20  | 128 | 4     | 0   | 4   | 6   | 39    | 12  | 51  | 472 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 4               | 1   | 5   | 84  | 3               | 1   | 4   | 42  | 1     | 0   | 1   | 0   | 8     | 2   | 10  | 126 |
| 1981             | 5               | 0   | 5   | 88  | 2               | 1   | 3   | 47  | 0     | 0   | 0   | 0   | 7     | 1   | 8   | 135 |
| 1982             | 5               | 0   | 5   | 76  | 2               | 0   | 2   | 52  | 0     | 0   | 0   | 0   | 7     | 0   | 7   | 128 |
| 1983             | 2               | 0   | 2   | 89  | 1               | 0   | 1   | 65  | 0     | 0   | 0   | 0   | 3     | 0   | 3   | 154 |
| 1984             | 3               | 0   | 3   | 104 | 3               | 0   | 3   | 53  | 0     | 0   | 0   | 1   | 6     | 0   | 6   | 158 |
| 1985             | 3               | 1   | 4   | 103 | 4               | 0   | 4   | 53  | 0     | 1   | 1   | 0   | 7     | 2   | 9   | 156 |
| 1986             | 2               | 0   | 2   | 90  | 2               | 0   | 2   | 53  | 0     | 0   | 0   | 0   | 4     | 0   | 4   | 143 |
| 1987             | 0               | 0   | 0   | 123 | 5               | 2   | 7   | 68  | 0     | 1   | 1   | 0   | 5     | 3   | 8   | 191 |
| 1988             | 1               | 0   | 1   | 126 | 0               | 0   | 0   | 67  | 0     | 1   | 1   | 0   | 1     | 1   | 2   | 193 |
| 1989             | 1               | 0   | 1   | 130 | 5               | 0   | 5   | 55  | 0     | 0   | 0   | 0   | 6     | 0   | 6   | 185 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 48              | 11  | 59  | 377 | 49              | 14  | 63  | 184 | 3     | 2   | 5   | 3   | 100   | 27  | 127 | 564 |
| 1981             | 47              | 7   | 54  | 359 | 38              | 11  | 49  | 193 | 4     | 0   | 4   | 7   | 89    | 18  | 107 | 559 |
| 1982             | 41              | 6   | 47  | 366 | 50              | 6   | 56  | 181 | 0     | 5   | 5   | 3   | 91    | 17  | 108 | 550 |
| 1983             | 39              | 8   | 47  | 389 | 42              | 10  | 52  | 201 | 0     | 1   | 1   | 5   | 81    | 19  | 100 | 595 |
| 1984             | 42              | 5   | 47  | 430 | 31              | 11  | 42  | 197 | 0     | 2   | 2   | 4   | 73    | 18  | 91  | 631 |
| 1985             | 28              | 15  | 43  | 413 | 39              | 7   | 46  | 213 | 0     | 1   | 1   | 2   | 67    | 23  | 90  | 628 |
| 1986             | 31              | 5   | 36  | 326 | 19              | 6   | 25  | 176 | 1     | 1   | 2   | 2   | 51    | 12  | 63  | 504 |
| 1987             | 29              | 4   | 33  | 383 | 22              | 11  | 33  | 220 | 3     | 1   | 4   | 4   | 54    | 16  | 70  | 607 |
| 1988             | 33              | 6   | 39  | 471 | 22              | 9   | 31  | 210 | 1     | 1   | 2   | 1   | 56    | 16  | 72  | 682 |
| 1989             | 22              | 6   | 28  | 468 | 19              | 6   | 25  | 183 | 4     | 0   | 4   | 6   | 45    | 12  | 57  | 657 |

KEY: HBD -- Drivers reported by police to have been drinking

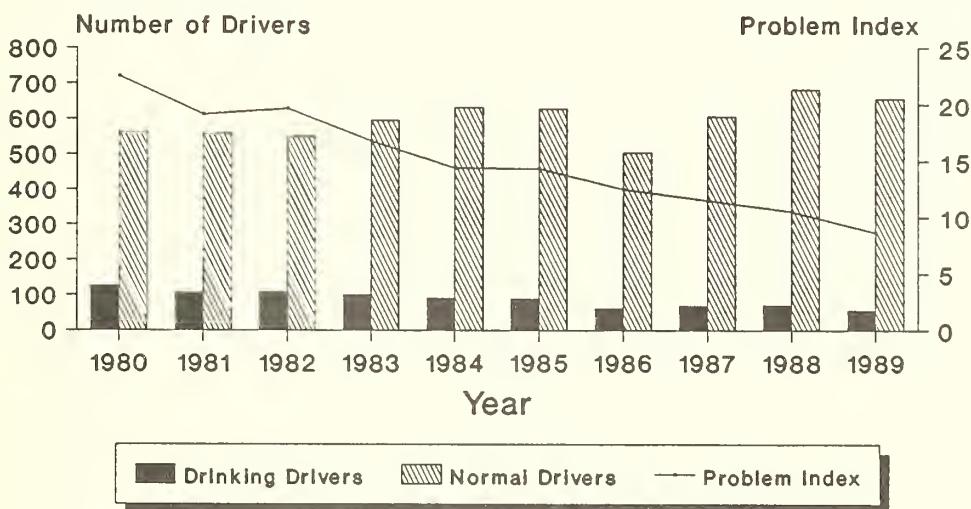
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

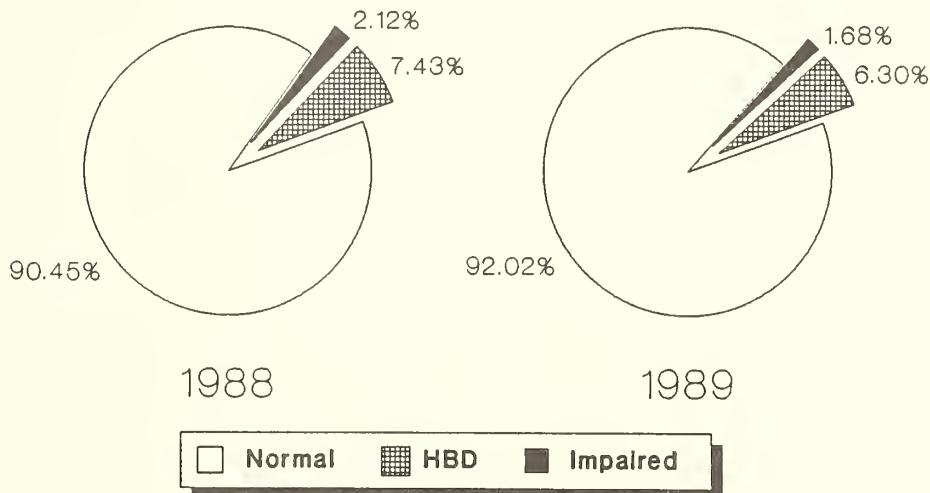
NOR -- Drivers whose condition was reported by police as "normal"

# GLENGARRY

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## GRENVILLE

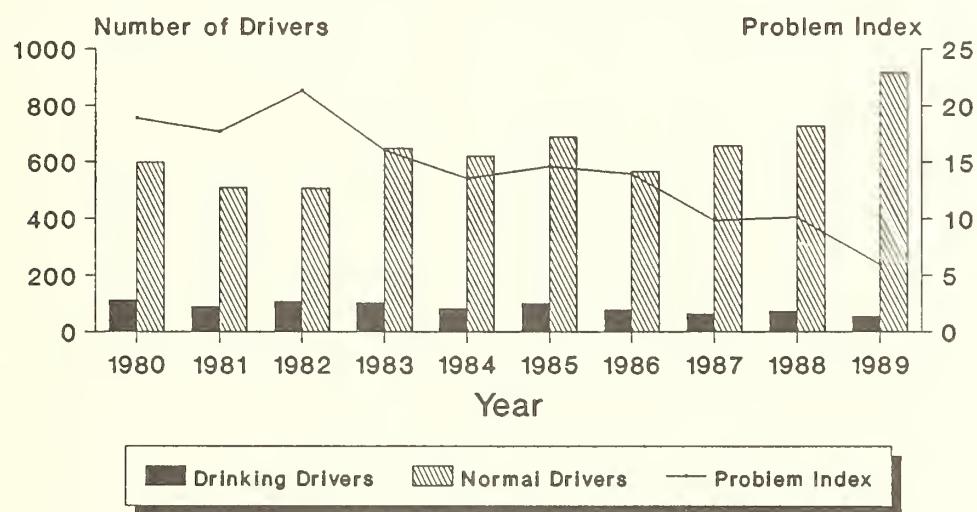
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 39              | 12  | 51  | 281 | 38              | 11  | 49  | 144 | 2     | 3   | 5   | 8   | 79    | 26  | 105 | 433 |
| 1981             | 22              | 11  | 33  | 246 | 37              | 9   | 46  | 119 | 1     | 0   | 1   | 8   | 60    | 20  | 80  | 373 |
| 1982             | 33              | 13  | 46  | 247 | 31              | 16  | 47  | 109 | 1     | 3   | 4   | 3   | 65    | 32  | 97  | 359 |
| 1983             | 32              | 11  | 43  | 312 | 33              | 10  | 43  | 134 | 1     | 2   | 3   | 8   | 66    | 23  | 89  | 454 |
| 1984             | 21              | 8   | 29  | 293 | 33              | 12  | 45  | 139 | 0     | 2   | 2   | 3   | 54    | 22  | 76  | 435 |
| 1985             | 33              | 8   | 41  | 315 | 31              | 8   | 39  | 158 | 1     | 2   | 3   | 10  | 65    | 18  | 83  | 483 |
| 1986             | 33              | 3   | 36  | 258 | 27              | 8   | 35  | 129 | 1     | 0   | 1   | 4   | 61    | 11  | 72  | 391 |
| 1987             | 19              | 11  | 30  | 297 | 24              | 3   | 27  | 146 | 0     | 3   | 3   | 7   | 43    | 17  | 60  | 450 |
| 1988             | 31              | 9   | 40  | 337 | 17              | 10  | 27  | 142 | 0     | 2   | 2   | 11  | 48    | 21  | 69  | 490 |
| 1989             | 13              | 13  | 26  | 428 | 18              | 8   | 26  | 189 | 0     | 0   | 0   | 4   | 31    | 21  | 52  | 621 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 4               | 3   | 7   | 102 | 1               | 0   | 1   | 62  | 0     | 0   | 0   | 1   | 5     | 3   | 8   | 165 |
| 1981             | 3               | 1   | 4   | 91  | 5               | 0   | 5   | 44  | 0     | 1   | 1   | 1   | 8     | 2   | 10  | 136 |
| 1982             | 4               | 2   | 6   | 102 | 3               | 2   | 5   | 44  | 0     | 0   | 0   | 1   | 7     | 4   | 11  | 147 |
| 1983             | 4               | 2   | 6   | 134 | 8               | 1   | 9   | 59  | 0     | 0   | 0   | 1   | 12    | 3   | 15  | 194 |
| 1984             | 4               | 0   | 4   | 120 | 3               | 1   | 4   | 64  | 0     | 0   | 0   | 2   | 7     | 1   | 8   | 186 |
| 1985             | 5               | 0   | 5   | 133 | 13              | 0   | 13  | 71  | 0     | 0   | 0   | 2   | 18    | 0   | 18  | 206 |
| 1986             | 2               | 0   | 2   | 110 | 5               | 0   | 5   | 66  | 0     | 0   | 0   | 0   | 7     | 0   | 7   | 176 |
| 1987             | 1               | 1   | 2   | 114 | 2               | 0   | 2   | 92  | 1     | 0   | 1   | 2   | 4     | 1   | 5   | 208 |
| 1988             | 3               | 0   | 3   | 179 | 1               | 0   | 1   | 59  | 1     | 0   | 1   | 0   | 5     | 0   | 5   | 238 |
| 1989             | 2               | 0   | 2   | 196 | 1               | 0   | 1   | 99  | 0     | 0   | 0   | 1   | 3     | 0   | 3   | 296 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 43              | 15  | 58  | 383 | 39              | 11  | 50  | 206 | 2     | 3   | 5   | 9   | 84    | 29  | 113 | 598 |
| 1981             | 25              | 12  | 37  | 337 | 42              | 9   | 51  | 163 | 1     | 1   | 2   | 9   | 68    | 22  | 90  | 509 |
| 1982             | 37              | 15  | 52  | 349 | 34              | 18  | 52  | 153 | 1     | 3   | 4   | 4   | 72    | 36  | 108 | 506 |
| 1983             | 36              | 13  | 49  | 446 | 41              | 11  | 52  | 193 | 1     | 2   | 3   | 9   | 78    | 26  | 104 | 648 |
| 1984             | 25              | 8   | 33  | 413 | 36              | 13  | 49  | 203 | 0     | 2   | 2   | 5   | 61    | 23  | 84  | 621 |
| 1985             | 38              | 8   | 46  | 448 | 44              | 8   | 52  | 229 | 1     | 2   | 3   | 12  | 83    | 18  | 101 | 689 |
| 1986             | 35              | 3   | 38  | 368 | 32              | 8   | 40  | 195 | 1     | 0   | 1   | 4   | 68    | 11  | 79  | 567 |
| 1987             | 20              | 12  | 32  | 411 | 26              | 3   | 29  | 238 | 1     | 3   | 4   | 9   | 47    | 18  | 65  | 658 |
| 1988             | 34              | 9   | 43  | 516 | 18              | 10  | 28  | 201 | 1     | 2   | 3   | 11  | 53    | 21  | 74  | 728 |
| 1989             | 15              | 13  | 28  | 624 | 19              | 8   | 27  | 288 | 0     | 0   | 0   | 5   | 34    | 21  | 55  | 917 |

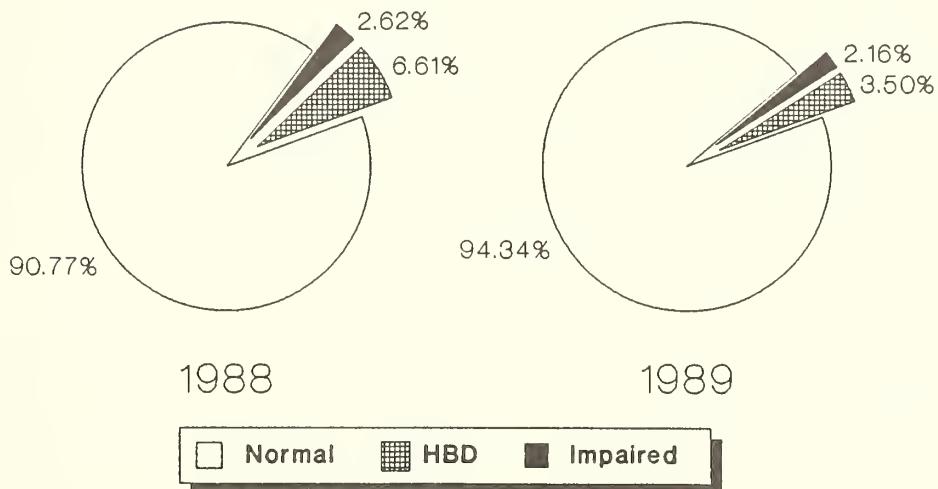
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# GRENVILLE

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 88              | 43  | 131 | 867  | 99              | 38  | 137 | 461 | 4     | 0   | 4   | 7   | 191   | 81  | 272 | 1335 |
| 1981             | 110             | 40  | 150 | 853  | 96              | 27  | 123 | 428 | 3     | 1   | 4   | 12  | 209   | 68  | 277 | 1293 |
| 1982             | 80              | 31  | 111 | 840  | 73              | 25  | 98  | 379 | 3     | 4   | 7   | 5   | 156   | 60  | 216 | 1224 |
| 1983             | 80              | 38  | 118 | 756  | 98              | 28  | 124 | 381 | 3     | 5   | 8   | 8   | 179   | 71  | 250 | 1145 |
| 1984             | 69              | 40  | 109 | 823  | 93              | 22  | 115 | 362 | 1     | 7   | 8   | 6   | 163   | 69  | 232 | 1191 |
| 1985             | 51              | 28  | 79  | 813  | 76              | 29  | 105 | 437 | 4     | 2   | 6   | 15  | 131   | 59  | 190 | 1265 |
| 1986             | 43              | 17  | 60  | 691  | 78              | 27  | 105 | 397 | 2     | 5   | 7   | 5   | 123   | 49  | 172 | 1093 |
| 1987             | 56              | 20  | 76  | 833  | 66              | 28  | 94  | 502 | 2     | 0   | 2   | 11  | 124   | 48  | 172 | 1346 |
| 1988             | 54              | 28  | 82  | 895  | 42              | 22  | 64  | 426 | 1     | 5   | 6   | 7   | 97    | 55  | 152 | 1328 |
| 1989             | 37              | 25  | 62  | 993  | 50              | 23  | 73  | 525 | 11    | 1   | 12  | 20  | 98    | 49  | 147 | 1538 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 4               | 0   | 4   | 349  | 17              | 4   | 21  | 194 | 0     | 1   | 1   | 8   | 21    | 5   | 26  | 551  |
| 1981             | 9               | 3   | 12  | 319  | 14              | 1   | 15  | 195 | 0     | 1   | 1   | 2   | 23    | 5   | 28  | 516  |
| 1982             | 8               | 0   | 8   | 329  | 8               | 1   | 9   | 168 | 0     | 0   | 0   | 1   | 16    | 1   | 17  | 498  |
| 1983             | 7               | 3   | 10  | 264  | 9               | 1   | 10  | 155 | 0     | 0   | 0   | 4   | 16    | 4   | 20  | 423  |
| 1984             | 8               | 3   | 11  | 387  | 16              | 1   | 17  | 203 | 0     | 0   | 0   | 5   | 24    | 4   | 28  | 595  |
| 1985             | 4               | 4   | 8   | 331  | 5               | 1   | 6   | 228 | 0     | 1   | 1   | 1   | 9     | 6   | 15  | 560  |
| 1986             | 3               | 5   | 8   | 336  | 4               | 3   | 7   | 173 | 1     | 0   | 1   | 3   | 8     | 8   | 16  | 512  |
| 1987             | 3               | 6   | 9   | 437  | 14              | 3   | 17  | 221 | 0     | 1   | 1   | 2   | 17    | 10  | 27  | 660  |
| 1988             | 6               | 2   | 8   | 448  | 6               | 1   | 7   | 254 | 1     | 0   | 1   | 8   | 13    | 3   | 16  | 710  |
| 1989             | 2               | 1   | 3   | 504  | 6               | 3   | 9   | 260 | 0     | 0   | 0   | 4   | 8     | 4   | 12  | 768  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 92              | 43  | 135 | 1216 | 116             | 42  | 158 | 655 | 4     | 1   | 5   | 15  | 212   | 86  | 298 | 1886 |
| 1981             | 119             | 43  | 162 | 1172 | 110             | 28  | 138 | 623 | 3     | 2   | 5   | 14  | 232   | 73  | 305 | 1809 |
| 1982             | 88              | 31  | 119 | 1169 | 81              | 26  | 107 | 547 | 3     | 4   | 7   | 6   | 172   | 61  | 233 | 1722 |
| 1983             | 87              | 41  | 128 | 1020 | 105             | 29  | 134 | 536 | 3     | 5   | 8   | 12  | 195   | 75  | 270 | 1568 |
| 1984             | 77              | 43  | 120 | 1210 | 109             | 23  | 132 | 565 | 1     | 7   | 8   | 11  | 187   | 73  | 260 | 1786 |
| 1985             | 55              | 32  | 87  | 1144 | 81              | 30  | 111 | 665 | 4     | 3   | 7   | 16  | 140   | 65  | 205 | 1825 |
| 1986             | 46              | 22  | 68  | 1027 | 82              | 30  | 112 | 570 | 3     | 5   | 8   | 8   | 131   | 57  | 188 | 1605 |
| 1987             | 59              | 26  | 85  | 1270 | 80              | 31  | 111 | 723 | 2     | 1   | 3   | 13  | 141   | 58  | 199 | 2006 |
| 1988             | 60              | 30  | 90  | 1343 | 48              | 23  | 71  | 680 | 2     | 5   | 7   | 15  | 110   | 58  | 168 | 2038 |
| 1989             | 39              | 26  | 65  | 1497 | 56              | 26  | 82  | 785 | 11    | 1   | 12  | 24  | 106   | 53  | 159 | 2306 |

KEY: HBD -- Drivers reported by police to have been drinking

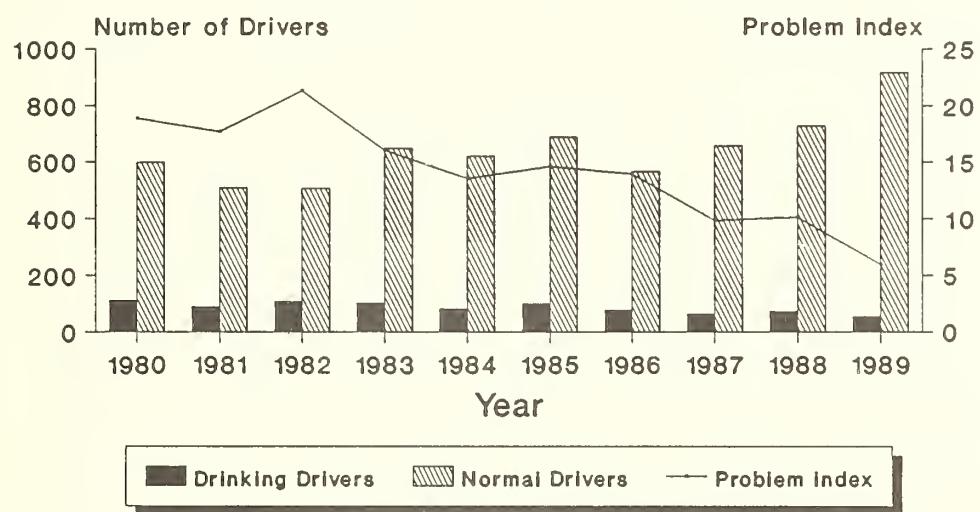
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

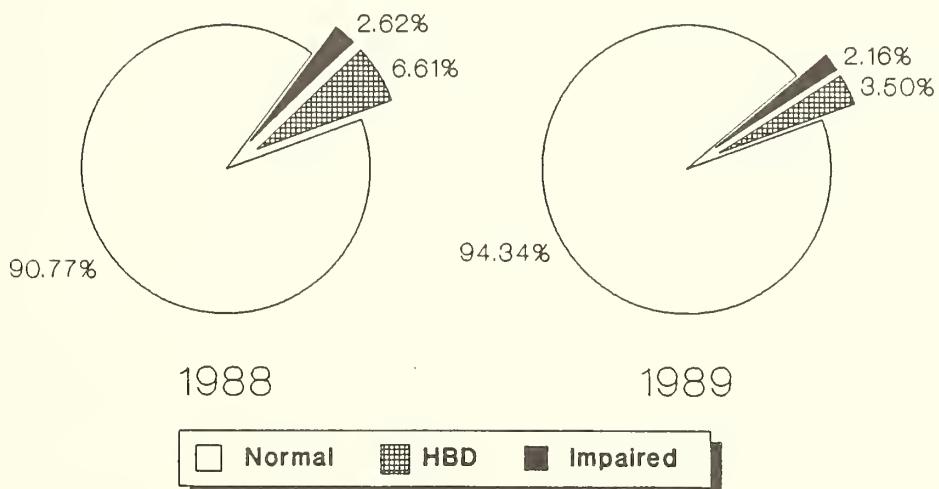
NOR -- Drivers whose condition was reported by police as "normal"

# GRENVILLE

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 88              | 43  | 131 | 867  | 99              | 38  | 137 | 461 | 4     | 0   | 4   | 7   | 191   | 81  | 272 | 1335 |
| 1981             | 110             | 40  | 150 | 853  | 96              | 27  | 123 | 428 | 3     | 1   | 4   | 12  | 209   | 68  | 277 | 1293 |
| 1982             | 80              | 31  | 111 | 840  | 73              | 25  | 98  | 379 | 3     | 4   | 7   | 5   | 156   | 60  | 216 | 1224 |
| 1983             | 80              | 38  | 118 | 756  | 96              | 28  | 124 | 381 | 3     | 5   | 8   | 8   | 179   | 71  | 250 | 1145 |
| 1984             | 69              | 40  | 109 | 823  | 93              | 22  | 115 | 362 | 1     | 7   | 8   | 6   | 163   | 69  | 232 | 1191 |
| 1985             | 51              | 28  | 79  | 813  | 76              | 29  | 105 | 437 | 4     | 2   | 6   | 15  | 131   | 59  | 190 | 1265 |
| 1986             | 43              | 17  | 60  | 691  | 78              | 27  | 105 | 397 | 2     | 5   | 7   | 5   | 123   | 49  | 172 | 1093 |
| 1987             | 56              | 20  | 76  | 833  | 66              | 28  | 94  | 502 | 2     | 0   | 2   | 11  | 124   | 48  | 172 | 1346 |
| 1988             | 54              | 28  | 82  | 895  | 42              | 22  | 64  | 426 | 1     | 5   | 6   | 7   | 97    | 55  | 152 | 1328 |
| 1989             | 37              | 25  | 62  | 993  | 50              | 23  | 73  | 525 | 11    | 1   | 12  | 20  | 98    | 49  | 147 | 1538 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 4               | 0   | 4   | 349  | 17              | 4   | 21  | 194 | 0     | 1   | 1   | 8   | 21    | 5   | 26  | 551  |
| 1981             | 9               | 3   | 12  | 319  | 14              | 1   | 15  | 195 | 0     | 1   | 1   | 2   | 23    | 5   | 28  | 516  |
| 1982             | 8               | 0   | 8   | 329  | 8               | 1   | 9   | 168 | 0     | 0   | 0   | 1   | 16    | 1   | 17  | 498  |
| 1983             | 7               | 3   | 10  | 264  | 9               | 1   | 10  | 155 | 0     | 0   | 0   | 4   | 16    | 4   | 20  | 423  |
| 1984             | 8               | 3   | 11  | 387  | 16              | 1   | 17  | 203 | 0     | 0   | 0   | 5   | 24    | 4   | 28  | 595  |
| 1985             | 4               | 4   | 8   | 331  | 5               | 1   | 6   | 228 | 0     | 1   | 1   | 1   | 9     | 6   | 15  | 560  |
| 1986             | 3               | 5   | 8   | 336  | 4               | 3   | 7   | 173 | 1     | 0   | 1   | 3   | 8     | 8   | 16  | 512  |
| 1987             | 3               | 6   | 9   | 437  | 14              | 3   | 17  | 221 | 0     | 1   | 1   | 2   | 17    | 10  | 27  | 660  |
| 1988             | 6               | 2   | 8   | 448  | 6               | 1   | 7   | 254 | 1     | 0   | 1   | 8   | 13    | 3   | 16  | 710  |
| 1989             | 2               | 1   | 3   | 504  | 6               | 3   | 9   | 260 | 0     | 0   | 0   | 4   | 8     | 4   | 12  | 768  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 92              | 43  | 135 | 1216 | 116             | 42  | 158 | 655 | 4     | 1   | 5   | 15  | 212   | 86  | 298 | 1886 |
| 1981             | 119             | 43  | 162 | 1172 | 110             | 28  | 138 | 623 | 3     | 2   | 5   | 14  | 232   | 73  | 305 | 1809 |
| 1982             | 88              | 31  | 119 | 1169 | 81              | 26  | 107 | 547 | 3     | 4   | 7   | 6   | 172   | 61  | 233 | 1722 |
| 1983             | 87              | 41  | 128 | 1020 | 105             | 29  | 134 | 536 | 3     | 5   | 8   | 12  | 195   | 75  | 270 | 1568 |
| 1984             | 77              | 43  | 120 | 1210 | 109             | 23  | 132 | 565 | 1     | 7   | 8   | 11  | 187   | 73  | 260 | 1786 |
| 1985             | 55              | 32  | 87  | 1144 | 81              | 30  | 111 | 665 | 4     | 3   | 7   | 16  | 140   | 65  | 205 | 1825 |
| 1986             | 46              | 22  | 68  | 1027 | 82              | 30  | 112 | 570 | 3     | 5   | 8   | 8   | 131   | 57  | 188 | 1605 |
| 1987             | 59              | 26  | 85  | 1270 | 80              | 31  | 111 | 723 | 2     | 1   | 3   | 13  | 141   | 58  | 199 | 2006 |
| 1988             | 60              | 30  | 90  | 1343 | 48              | 23  | 71  | 680 | 2     | 5   | 7   | 15  | 110   | 58  | 168 | 2038 |
| 1989             | 39              | 26  | 65  | 1497 | 56              | 26  | 82  | 785 | 11    | 1   | 12  | 24  | 106   | 53  | 159 | 2306 |

KEY: HBD -- Drivers reported by police to have been drinking

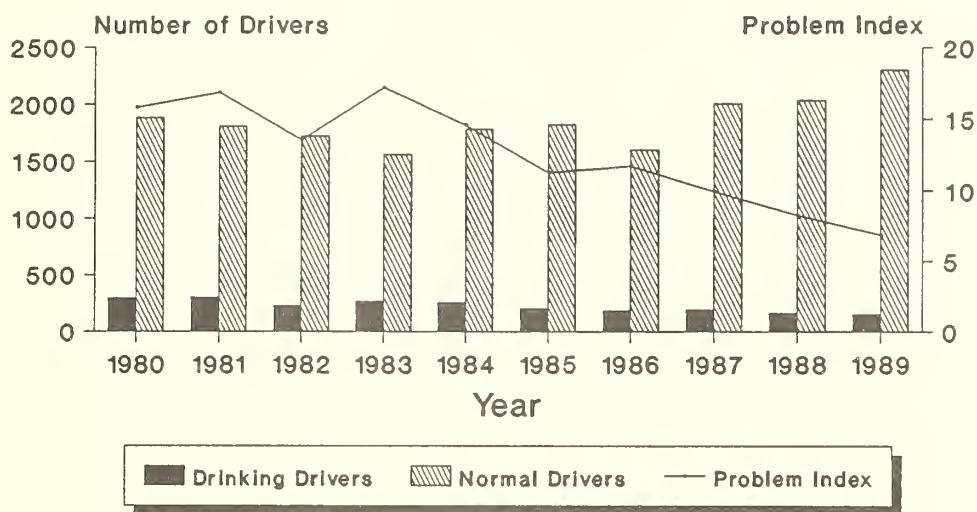
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

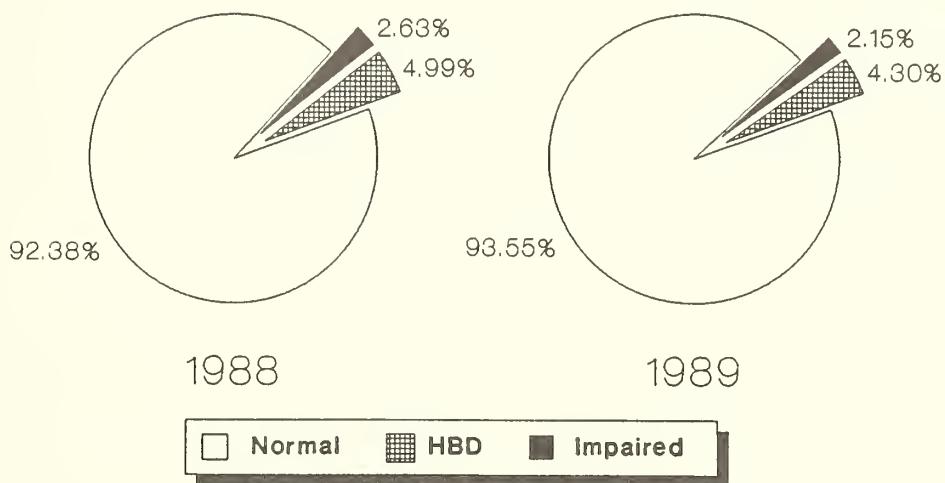
NOR -- Drivers whose condition was reported by police as "normal"

# GREY

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 155             | 49  | 204 | 956  | 173             | 46  | 219 | 533 | 10    | 5   | 15  | 14  | 338   | 100 | 438 | 1503 |
| 1981             | 151             | 51  | 202 | 869  | 180             | 25  | 205 | 480 | 0     | 3   | 3   | 15  | 331   | 79  | 410 | 1364 |
| 1982             | 142             | 36  | 178 | 866  | 156             | 32  | 188 | 480 | 6     | 6   | 12  | 10  | 304   | 74  | 378 | 1356 |
| 1983             | 113             | 43  | 156 | 814  | 166             | 36  | 202 | 492 | 4     | 10  | 14  | 10  | 283   | 89  | 372 | 1316 |
| 1984             | 118             | 38  | 156 | 906  | 163             | 24  | 187 | 527 | 8     | 6   | 14  | 21  | 289   | 68  | 357 | 1454 |
| 1985             | 77              | 35  | 112 | 909  | 114             | 25  | 139 | 473 | 4     | 6   | 10  | 17  | 195   | 66  | 261 | 1399 |
| 1986             | 68              | 21  | 89  | 915  | 79              | 36  | 115 | 509 | 3     | 2   | 5   | 12  | 150   | 59  | 209 | 1436 |
| 1987             | 80              | 27  | 107 | 777  | 91              | 30  | 121 | 526 | 5     | 7   | 12  | 15  | 176   | 64  | 240 | 1318 |
| 1988             | 67              | 24  | 91  | 1000 | 70              | 39  | 109 | 535 | 3     | 4   | 7   | 13  | 140   | 67  | 207 | 1548 |
| 1989             | 76              | 34  | 110 | 1182 | 74              | 38  | 112 | 500 | 7     | 2   | 9   | 14  | 157   | 74  | 231 | 1696 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 11              | 4   | 15  | 406  | 32              | 6   | 38  | 238 | 2     | 1   | 3   | 4   | 45    | 11  | 56  | 648  |
| 1981             | 9               | 4   | 13  | 342  | 18              | 3   | 21  | 207 | 0     | 0   | 0   | 3   | 27    | 7   | 34  | 552  |
| 1982             | 15              | 4   | 19  | 307  | 11              | 3   | 14  | 223 | 1     | 0   | 1   | 4   | 27    | 7   | 34  | 534  |
| 1983             | 16              | 1   | 17  | 345  | 21              | 1   | 22  | 223 | 1     | 1   | 2   | 6   | 38    | 3   | 41  | 574  |
| 1984             | 15              | 3   | 18  | 410  | 14              | 2   | 16  | 253 | 1     | 0   | 1   | 5   | 30    | 5   | 35  | 668  |
| 1985             | 15              | 3   | 18  | 390  | 15              | 2   | 17  | 241 | 0     | 0   | 0   | 2   | 30    | 5   | 35  | 633  |
| 1986             | 5               | 3   | 8   | 393  | 11              | 1   | 12  | 277 | 0     | 1   | 1   | 7   | 16    | 5   | 21  | 677  |
| 1987             | 13              | 1   | 14  | 386  | 20              | 2   | 22  | 293 | 0     | 0   | 0   | 3   | 33    | 3   | 36  | 682  |
| 1988             | 7               | 4   | 11  | 559  | 10              | 3   | 13  | 270 | 1     | 0   | 1   | 4   | 18    | 7   | 25  | 833  |
| 1989             | 8               | 5   | 13  | 598  | 15              | 6   | 21  | 284 | 0     | 0   | 0   | 7   | 23    | 11  | 34  | 889  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 166             | 53  | 219 | 1362 | 205             | 52  | 257 | 771 | 12    | 6   | 18  | 18  | 383   | 111 | 494 | 2151 |
| 1981             | 160             | 55  | 215 | 1211 | 198             | 28  | 226 | 687 | 0     | 3   | 3   | 18  | 358   | 86  | 444 | 1916 |
| 1982             | 157             | 40  | 197 | 1173 | 167             | 35  | 202 | 703 | 7     | 6   | 13  | 14  | 331   | 81  | 412 | 1890 |
| 1983             | 129             | 44  | 173 | 1159 | 187             | 37  | 224 | 715 | 5     | 11  | 16  | 16  | 321   | 92  | 413 | 1890 |
| 1984             | 133             | 41  | 174 | 1316 | 177             | 26  | 203 | 780 | 9     | 6   | 15  | 26  | 319   | 73  | 392 | 2122 |
| 1985             | 92              | 38  | 130 | 1299 | 129             | 27  | 156 | 714 | 4     | 6   | 10  | 19  | 225   | 71  | 296 | 2032 |
| 1986             | 73              | 24  | 97  | 1308 | 90              | 37  | 127 | 786 | 3     | 3   | 6   | 19  | 166   | 64  | 230 | 2113 |
| 1987             | 93              | 28  | 121 | 1163 | 111             | 32  | 143 | 819 | 5     | 7   | 12  | 18  | 209   | 67  | 276 | 2000 |
| 1988             | 74              | 28  | 102 | 1559 | 80              | 42  | 122 | 805 | 4     | 4   | 8   | 17  | 158   | 74  | 232 | 2381 |
| 1989             | 84              | 39  | 123 | 1780 | 89              | 44  | 133 | 784 | 7     | 2   | 9   | 21  | 180   | 85  | 265 | 2585 |

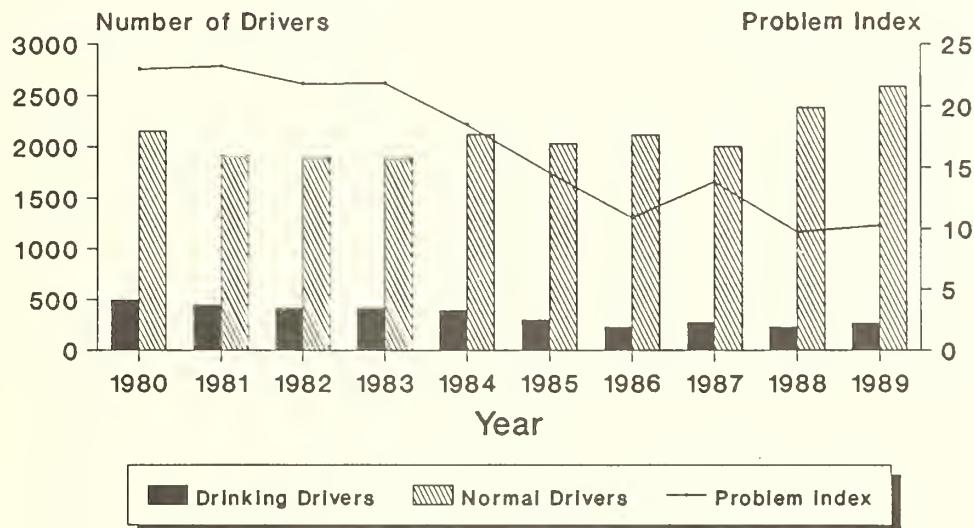
KEY: HBD -- Drivers reported by police to have been drinking

IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

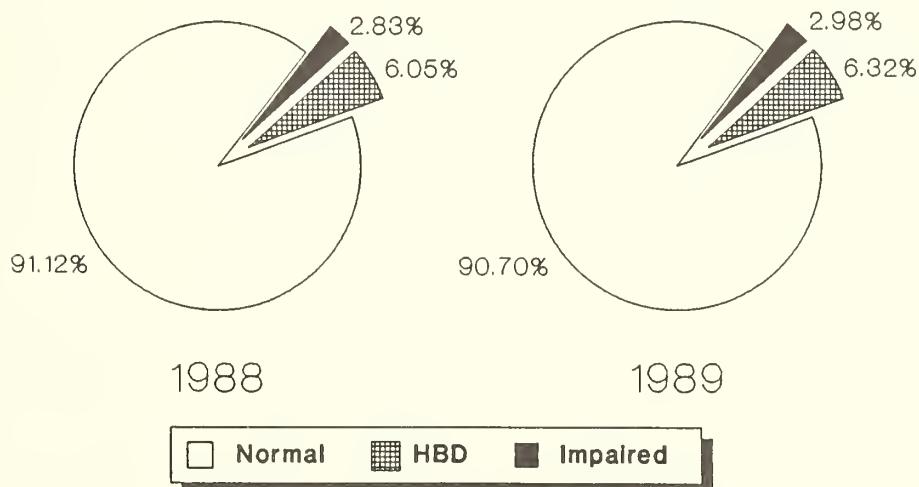
D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

NOR -- Drivers whose condition was reported by police as "normal"

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY  
 Drinking and Normal Drivers  
 in Traffic Crashes: 1980 - 1989



Condition of Drivers Involved  
 in Traffic Crashes



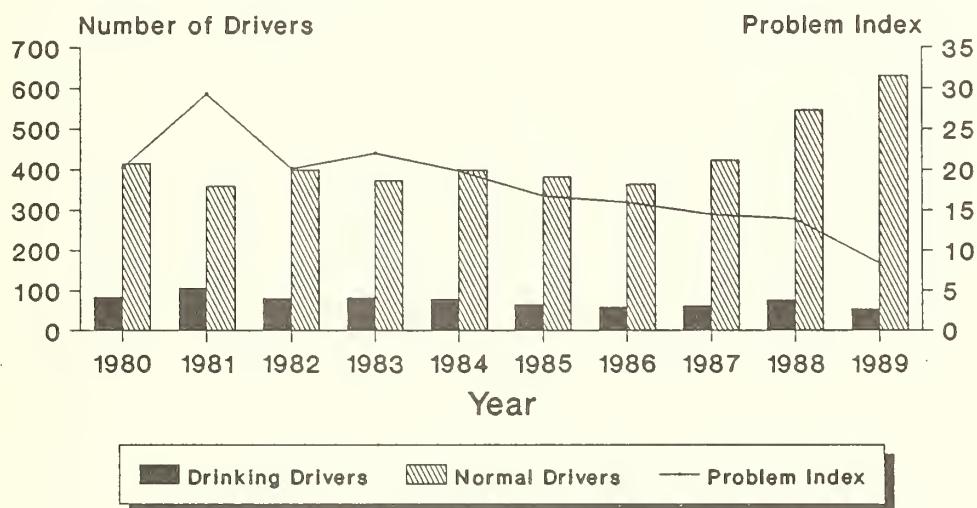
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 27              | 5   | 32  | 210 | 30              | 6   | 36  | 101 | 5     | 3   | 8   | 5   | 62    | 14  | 76  | 316 |
| 1981             | 34              | 10  | 44  | 181 | 36              | 12  | 48  | 83  | 0     | 1   | 1   | 0   | 70    | 23  | 93  | 264 |
| 1982             | 25              | 4   | 29  | 185 | 34              | 10  | 44  | 101 | 0     | 0   | 0   | 2   | 59    | 14  | 73  | 288 |
| 1983             | 34              | 8   | 42  | 179 | 25              | 4   | 29  | 92  | 0     | 2   | 2   | 2   | 59    | 14  | 73  | 273 |
| 1984             | 20              | 6   | 26  | 202 | 33              | 6   | 39  | 85  | 1     | 1   | 2   | 2   | 54    | 13  | 67  | 289 |
| 1985             | 20              | 4   | 24  | 191 | 21              | 8   | 29  | 78  | 2     | 1   | 3   | 3   | 43    | 13  | 56  | 272 |
| 1986             | 18              | 4   | 22  | 167 | 24              | 5   | 29  | 94  | 2     | 1   | 3   | 1   | 44    | 10  | 54  | 262 |
| 1987             | 29              | 4   | 33  | 214 | 12              | 6   | 18  | 99  | 2     | 1   | 3   | 1   | 43    | 11  | 54  | 314 |
| 1988             | 21              | 7   | 28  | 289 | 34              | 5   | 39  | 89  | 2     | 2   | 4   | 7   | 57    | 14  | 71  | 385 |
| 1989             | 18              | 8   | 26  | 279 | 13              | 4   | 17  | 143 | 2     | 0   | 2   | 3   | 33    | 12  | 45  | 425 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 4               | 0   | 4   | 55  | 3               | 0   | 3   | 44  | 1     | 0   | 1   | 0   | 8     | 0   | 8   | 99  |
| 1981             | 6               | 2   | 8   | 49  | 3               | 1   | 4   | 43  | 0     | 0   | 0   | 2   | 9     | 3   | 12  | 94  |
| 1982             | 2               | 0   | 2   | 65  | 2               | 2   | 4   | 45  | 0     | 1   | 1   | 1   | 4     | 3   | 7   | 111 |
| 1983             | 2               | 0   | 2   | 62  | 6               | 1   | 7   | 37  | 0     | 0   | 0   | 1   | 8     | 1   | 9   | 100 |
| 1984             | 3               | 1   | 4   | 75  | 5               | 2   | 7   | 34  | 1     | 0   | 1   | 0   | 9     | 3   | 12  | 109 |
| 1985             | 2               | 0   | 2   | 60  | 5               | 0   | 5   | 49  | 1     | 0   | 1   | 1   | 8     | 0   | 8   | 110 |
| 1986             | 0               | 1   | 1   | 60  | 3               | 0   | 3   | 41  | 0     | 0   | 0   | 0   | 3     | 1   | 4   | 101 |
| 1987             | 2               | 0   | 2   | 67  | 5               | 0   | 5   | 41  | 0     | 0   | 0   | 1   | 7     | 0   | 7   | 109 |
| 1988             | 2               | 0   | 2   | 105 | 2               | 0   | 2   | 56  | 0     | 1   | 1   | 1   | 4     | 1   | 5   | 162 |
| 1989             | 2               | 2   | 4   | 143 | 4               | 0   | 4   | 60  | 0     | 0   | 0   | 2   | 6     | 2   | 8   | 205 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 31              | 5   | 36  | 265 | 33              | 6   | 39  | 145 | 6     | 3   | 9   | 5   | 70    | 14  | 84  | 415 |
| 1981             | 40              | 12  | 52  | 230 | 39              | 13  | 52  | 126 | 0     | 1   | 1   | 2   | 79    | 26  | 105 | 358 |
| 1982             | 27              | 4   | 31  | 250 | 36              | 12  | 48  | 146 | 0     | 1   | 1   | 3   | 63    | 17  | 80  | 399 |
| 1983             | 36              | 8   | 44  | 241 | 31              | 5   | 36  | 129 | 0     | 2   | 2   | 3   | 67    | 15  | 82  | 373 |
| 1984             | 23              | 7   | 30  | 277 | 38              | 8   | 46  | 119 | 2     | 1   | 3   | 2   | 63    | 16  | 79  | 398 |
| 1985             | 22              | 4   | 26  | 251 | 26              | 8   | 34  | 127 | 3     | 1   | 4   | 4   | 51    | 13  | 64  | 382 |
| 1986             | 18              | 5   | 23  | 227 | 27              | 5   | 32  | 135 | 2     | 1   | 3   | 1   | 47    | 11  | 58  | 363 |
| 1987             | 31              | 4   | 35  | 281 | 17              | 6   | 23  | 140 | 2     | 1   | 3   | 2   | 50    | 11  | 61  | 423 |
| 1988             | 23              | 7   | 30  | 394 | 36              | 5   | 41  | 145 | 2     | 3   | 5   | 8   | 61    | 15  | 76  | 547 |
| 1989             | 20              | 10  | 30  | 422 | 17              | 4   | 21  | 203 | 2     | 0   | 2   | 5   | 39    | 14  | 53  | 630 |

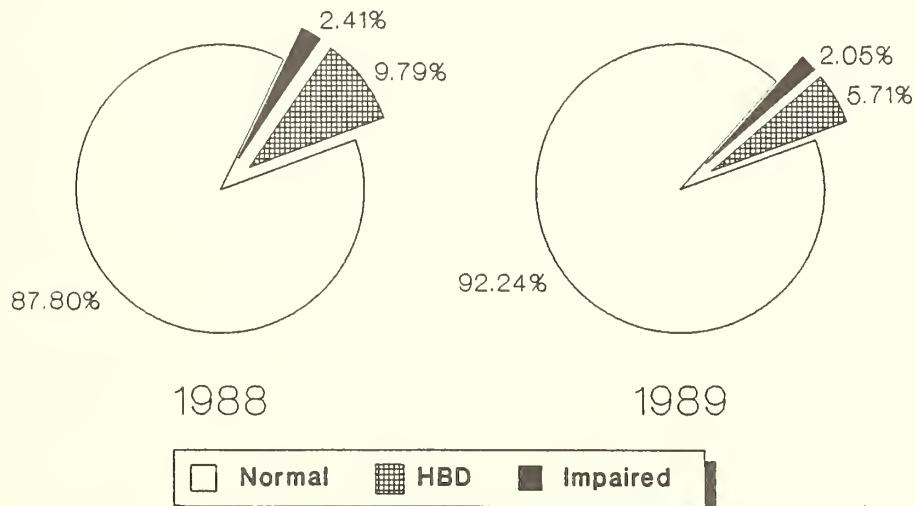
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# HALIBURTON

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## HALTON REGIONAL MUNICIPALITY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |       |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|-------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR   |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 260             | 116 | 376 | 3922 | 296             | 113 | 409 | 1974 | 10    | 11  | 21  | 28  | 566   | 240 | 806 | 5924  |
| 1981             | 262             | 142 | 404 | 3929 | 259             | 103 | 362 | 2314 | 7     | 9   | 16  | 19  | 528   | 254 | 782 | 6262  |
| 1982             | 236             | 111 | 347 | 3718 | 274             | 94  | 368 | 1883 | 4     | 6   | 10  | 19  | 514   | 211 | 725 | 5620  |
| 1983             | 216             | 96  | 312 | 3278 | 202             | 96  | 298 | 1855 | 6     | 11  | 17  | 22  | 424   | 203 | 627 | 5155  |
| 1984             | 230             | 116 | 346 | 3491 | 189             | 106 | 295 | 2020 | 4     | 12  | 16  | 32  | 423   | 234 | 657 | 5543  |
| 1985             | 178             | 74  | 252 | 3694 | 161             | 92  | 253 | 2030 | 7     | 8   | 15  | 15  | 346   | 174 | 520 | 5739  |
| 1986             | 112             | 91  | 203 | 3525 | 114             | 85  | 199 | 2343 | 6     | 9   | 15  | 25  | 232   | 185 | 417 | 5893  |
| 1987             | 108             | 96  | 204 | 3793 | 127             | 124 | 251 | 2270 | 7     | 8   | 15  | 30  | 242   | 228 | 470 | 6093  |
| 1988             | 129             | 95  | 224 | 5052 | 127             | 84  | 211 | 2267 | 8     | 10  | 18  | 22  | 264   | 189 | 453 | 7341  |
| 1989             | 125             | 110 | 235 | 5567 | 102             | 84  | 186 | 2138 | 7     | 3   | 10  | 29  | 234   | 197 | 431 | 7734  |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 25              | 11  | 36  | 1506 | 36              | 13  | 49  | 855  | 1     | 0   | 1   | 6   | 62    | 24  | 86  | 2367  |
| 1981             | 34              | 10  | 44  | 1600 | 36              | 12  | 48  | 983  | 1     | 0   | 1   | 5   | 71    | 22  | 93  | 2588  |
| 1982             | 26              | 5   | 31  | 1562 | 30              | 8   | 38  | 845  | 0     | 0   | 0   | 2   | 56    | 13  | 69  | 2409  |
| 1983             | 36              | 10  | 46  | 1487 | 38              | 6   | 44  | 927  | 0     | 0   | 0   | 5   | 74    | 16  | 90  | 2419  |
| 1984             | 32              | 11  | 43  | 1529 | 30              | 9   | 39  | 886  | 1     | 0   | 1   | 8   | 63    | 20  | 83  | 2423  |
| 1985             | 29              | 13  | 42  | 1608 | 25              | 5   | 30  | 1016 | 1     | 0   | 1   | 3   | 55    | 18  | 73  | 2627  |
| 1986             | 19              | 4   | 23  | 1612 | 27              | 15  | 42  | 1134 | 1     | 0   | 1   | 7   | 47    | 19  | 66  | 2753  |
| 1987             | 16              | 9   | 25  | 1805 | 21              | 9   | 30  | 1170 | 0     | 0   | 0   | 8   | 37    | 18  | 55  | 2983  |
| 1988             | 22              | 10  | 32  | 2402 | 19              | 8   | 27  | 1176 | 0     | 0   | 0   | 4   | 41    | 18  | 59  | 3582  |
| 1989             | 13              | 15  | 28  | 2705 | 18              | 8   | 26  | 1183 | 0     | 1   | 1   | 10  | 31    | 24  | 55  | 3898  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 285             | 127 | 412 | 5428 | 332             | 126 | 458 | 2829 | 11    | 11  | 22  | 34  | 628   | 264 | 892 | 8291  |
| 1981             | 296             | 152 | 448 | 5529 | 295             | 115 | 410 | 3297 | 8     | 9   | 17  | 24  | 599   | 276 | 875 | 8850  |
| 1982             | 262             | 116 | 378 | 5280 | 304             | 102 | 406 | 2728 | 4     | 6   | 10  | 21  | 570   | 224 | 794 | 8029  |
| 1983             | 252             | 106 | 358 | 4765 | 240             | 102 | 342 | 2782 | 6     | 11  | 17  | 27  | 498   | 219 | 717 | 7574  |
| 1984             | 262             | 127 | 389 | 5020 | 219             | 115 | 334 | 2906 | 5     | 12  | 17  | 40  | 486   | 254 | 740 | 7966  |
| 1985             | 207             | 87  | 294 | 5302 | 186             | 97  | 283 | 3046 | 8     | 8   | 16  | 18  | 401   | 192 | 593 | 8366  |
| 1986             | 131             | 95  | 226 | 5137 | 141             | 100 | 241 | 3477 | 7     | 9   | 16  | 32  | 279   | 204 | 483 | 8646  |
| 1987             | 124             | 105 | 229 | 5598 | 148             | 133 | 281 | 3440 | 7     | 8   | 15  | 38  | 279   | 246 | 525 | 9076  |
| 1988             | 151             | 105 | 256 | 7454 | 146             | 92  | 238 | 3443 | 8     | 10  | 18  | 26  | 305   | 207 | 512 | 10923 |
| 1989             | 138             | 125 | 263 | 8272 | 120             | 92  | 212 | 3321 | 7     | 4   | 11  | 39  | 265   | 221 | 486 | 11632 |

KEY: HBD -- Drivers reported by police to have been drinking

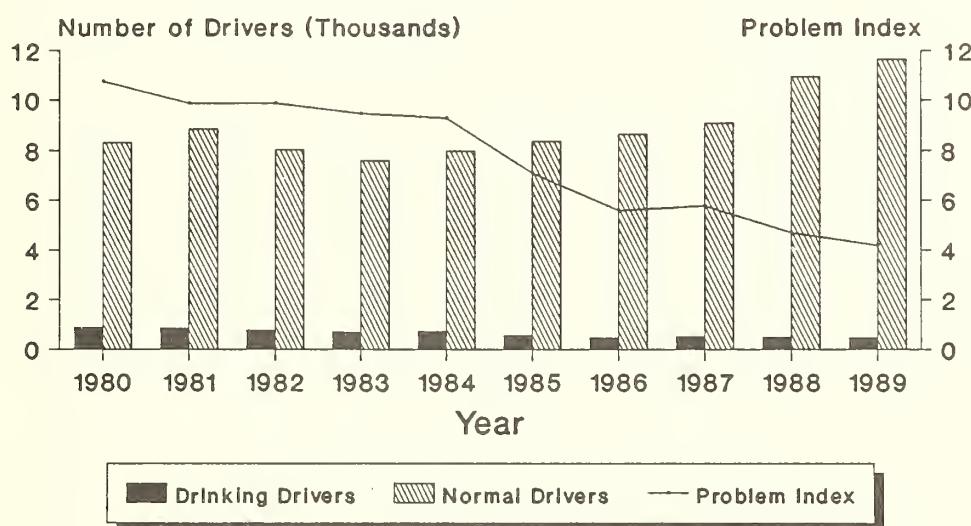
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

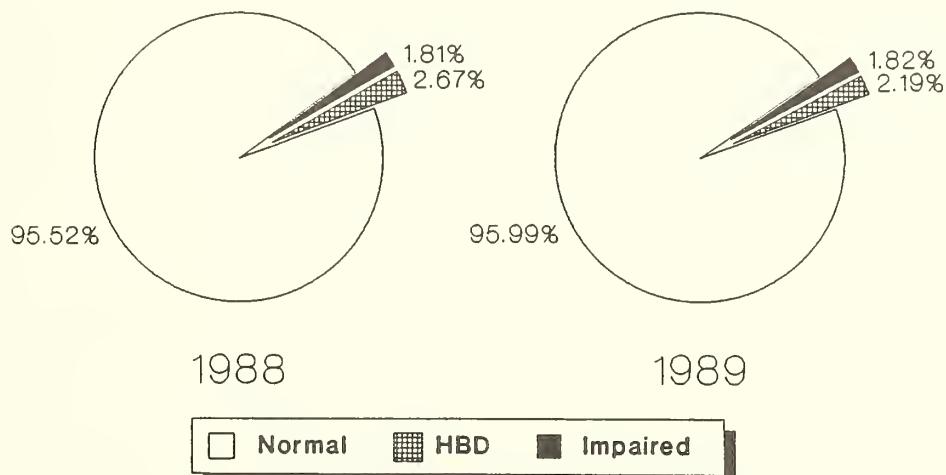
NOR -- Drivers whose condition was reported by police as "normal"

## HALTON REGIONAL MUNICIPALITY

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |       | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|-------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR   | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 307             | 191 | 498 | 6658  | 350             | 168 | 518 | 4219 | 10    | 12  | 22  | 39  | 667   | 371 | 1038 | 10916 |
| 1981             | 313             | 231 | 544 | 6902  | 394             | 178 | 572 | 4334 | 10    | 6   | 16  | 34  | 717   | 415 | 1132 | 11270 |
| 1982             | 307             | 197 | 504 | 5991  | 335             | 158 | 493 | 3673 | 5     | 11  | 16  | 32  | 647   | 366 | 1013 | 9696  |
| 1983             | 251             | 150 | 401 | 5639  | 316             | 128 | 444 | 3609 | 5     | 9   | 14  | 22  | 572   | 287 | 859  | 9270  |
| 1984             | 252             | 163 | 415 | 5742  | 236             | 137 | 373 | 3682 | 7     | 9   | 16  | 36  | 495   | 309 | 804  | 9460  |
| 1985             | 181             | 141 | 322 | 5788  | 228             | 155 | 383 | 4343 | 5     | 10  | 15  | 32  | 414   | 306 | 720  | 10163 |
| 1986             | 160             | 130 | 290 | 5549  | 175             | 175 | 350 | 4511 | 5     | 7   | 12  | 37  | 340   | 312 | 652  | 10097 |
| 1987             | 160             | 130 | 290 | 5967  | 173             | 160 | 333 | 4992 | 7     | 12  | 19  | 39  | 340   | 302 | 642  | 10998 |
| 1988             | 185             | 145 | 330 | 7429  | 150             | 117 | 267 | 4271 | 9     | 4   | 13  | 38  | 344   | 266 | 610  | 11738 |
| 1989             | 190             | 136 | 326 | 7519  | 130             | 128 | 258 | 4439 | 5     | 5   | 10  | 35  | 325   | 269 | 594  | 11993 |
| <b>Female</b>    |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 26              | 9   | 35  | 2071  | 34              | 10  | 44  | 1402 | 1     | 0   | 1   | 9   | 61    | 19  | 80   | 3482  |
| 1981             | 27              | 16  | 43  | 2146  | 58              | 14  | 72  | 1517 | 0     | 1   | 1   | 4   | 85    | 31  | 116  | 3667  |
| 1982             | 45              | 19  | 64  | 1969  | 34              | 13  | 47  | 1355 | 1     | 0   | 1   | 7   | 80    | 32  | 112  | 3331  |
| 1983             | 28              | 7   | 35  | 1974  | 42              | 13  | 55  | 1352 | 0     | 1   | 1   | 8   | 70    | 21  | 91   | 3334  |
| 1984             | 19              | 22  | 41  | 2143  | 27              | 19  | 46  | 1384 | 0     | 1   | 1   | 7   | 46    | 42  | 88   | 3534  |
| 1985             | 13              | 11  | 24  | 2206  | 25              | 18  | 43  | 1687 | 1     | 0   | 1   | 4   | 39    | 29  | 68   | 3897  |
| 1986             | 26              | 10  | 36  | 2229  | 19              | 16  | 35  | 1904 | 0     | 0   | 0   | 13  | 45    | 26  | 71   | 4146  |
| 1987             | 25              | 9   | 34  | 2333  | 28              | 12  | 40  | 2183 | 0     | 2   | 2   | 5   | 53    | 23  | 76   | 4521  |
| 1988             | 27              | 24  | 51  | 3021  | 22              | 10  | 32  | 1953 | 0     | 1   | 1   | 9   | 49    | 35  | 84   | 4983  |
| 1989             | 21              | 16  | 37  | 3220  | 10              | 15  | 25  | 2094 | 0     | 1   | 1   | 8   | 31    | 32  | 63   | 5322  |
| <b>Total</b>     |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 333             | 200 | 533 | 8729  | 384             | 178 | 562 | 5621 | 11    | 12  | 23  | 48  | 728   | 390 | 1118 | 14398 |
| 1981             | 340             | 247 | 587 | 9048  | 452             | 192 | 644 | 5851 | 10    | 7   | 17  | 38  | 802   | 446 | 1248 | 14937 |
| 1982             | 352             | 216 | 568 | 7960  | 369             | 171 | 540 | 5028 | 6     | 11  | 17  | 39  | 727   | 398 | 1125 | 13027 |
| 1983             | 279             | 157 | 436 | 7613  | 358             | 141 | 499 | 4961 | 5     | 10  | 15  | 30  | 642   | 308 | 950  | 12604 |
| 1984             | 271             | 185 | 456 | 7885  | 263             | 156 | 419 | 5066 | 7     | 10  | 17  | 43  | 541   | 351 | 892  | 12994 |
| 1985             | 194             | 152 | 346 | 7994  | 253             | 173 | 426 | 6030 | 6     | 10  | 16  | 36  | 453   | 335 | 788  | 14060 |
| 1986             | 186             | 140 | 326 | 7778  | 194             | 191 | 385 | 6415 | 5     | 7   | 12  | 50  | 385   | 338 | 723  | 14243 |
| 1987             | 185             | 139 | 324 | 8300  | 201             | 172 | 373 | 7175 | 7     | 14  | 21  | 44  | 393   | 325 | 718  | 15519 |
| 1988             | 212             | 169 | 381 | 10450 | 172             | 127 | 299 | 6224 | 9     | 5   | 14  | 47  | 393   | 301 | 694  | 16721 |
| 1989             | 211             | 152 | 363 | 10739 | 140             | 143 | 283 | 6533 | 5     | 6   | 11  | 43  | 356   | 301 | 657  | 17315 |

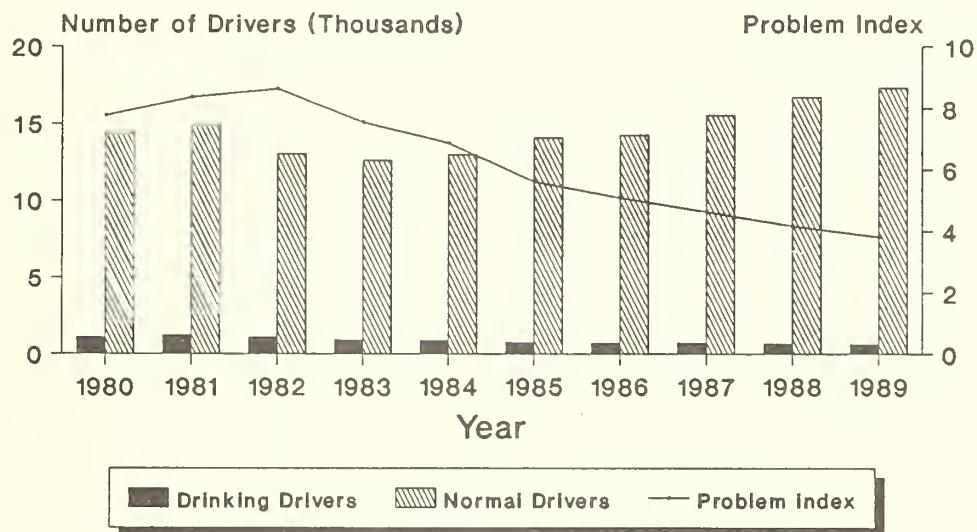
KEY: HBD -- Drivers reported by police to have been drinking

IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

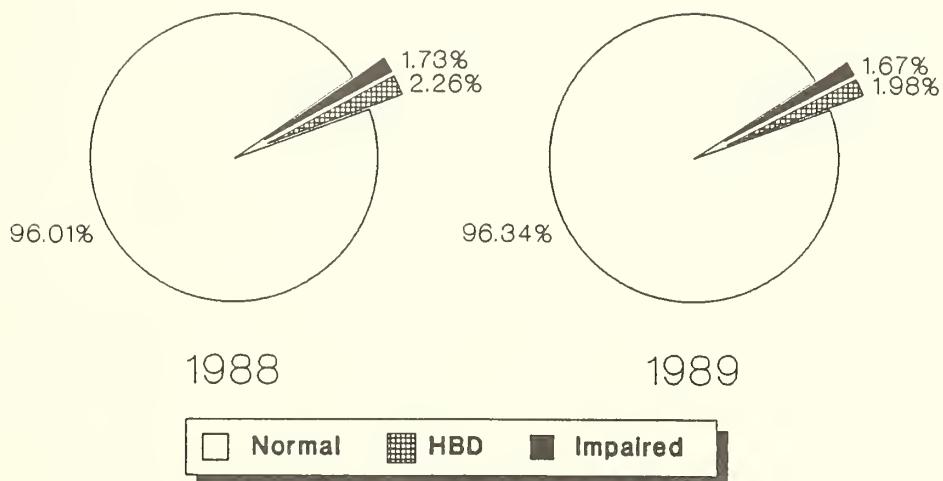
D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

NOR -- Drivers whose condition was reported by police as "normal"

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY  
 Drinking and Normal Drivers  
 in Traffic Crashes: 1980 - 1989



Condition of Drivers Involved  
 in Traffic Crashes



## HASTINGS

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 164             | 53  | 217 | 1563 | 157             | 61  | 218 | 705  | 5     | 7   | 12  | 17  | 326   | 121 | 447 | 2285 |
| 1981             | 145             | 81  | 226 | 1526 | 121             | 49  | 170 | 692  | 5     | 7   | 12  | 16  | 271   | 137 | 408 | 2234 |
| 1982             | 165             | 84  | 249 | 1471 | 132             | 62  | 194 | 599  | 6     | 5   | 11  | 25  | 303   | 151 | 454 | 2095 |
| 1983             | 106             | 62  | 168 | 1354 | 104             | 67  | 171 | 673  | 4     | 6   | 10  | 12  | 214   | 135 | 349 | 2039 |
| 1984             | 114             | 70  | 184 | 1432 | 100             | 53  | 153 | 716  | 5     | 9   | 14  | 17  | 219   | 132 | 351 | 2165 |
| 1985             | 77              | 43  | 120 | 1413 | 104             | 53  | 157 | 797  | 8     | 6   | 14  | 9   | 189   | 102 | 291 | 2219 |
| 1986             | 58              | 43  | 101 | 1395 | 74              | 41  | 115 | 702  | 4     | 5   | 9   | 12  | 136   | 89  | 225 | 2109 |
| 1987             | 79              | 32  | 111 | 1337 | 74              | 47  | 121 | 745  | 1     | 9   | 10  | 19  | 154   | 88  | 242 | 2101 |
| 1988             | 83              | 44  | 127 | 1679 | 56              | 42  | 98  | 737  | 4     | 1   | 5   | 12  | 143   | 87  | 230 | 2428 |
| 1989             | 83              | 55  | 138 | 1941 | 57              | 40  | 97  | 739  | 3     | 5   | 8   | 14  | 143   | 100 | 243 | 2694 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 21              | 9   | 30  | 540  | 19              | 5   | 24  | 301  | 0     | 0   | 0   | 7   | 40    | 14  | 54  | 848  |
| 1981             | 12              | 5   | 17  | 567  | 19              | 3   | 22  | 293  | 1     | 0   | 1   | 5   | 32    | 8   | 40  | 865  |
| 1982             | 13              | 4   | 17  | 563  | 17              | 4   | 21  | 259  | 0     | 0   | 0   | 4   | 30    | 8   | 38  | 826  |
| 1983             | 25              | 5   | 30  | 565  | 13              | 3   | 16  | 281  | 2     | 0   | 2   | 4   | 40    | 8   | 48  | 850  |
| 1984             | 15              | 5   | 20  | 654  | 11              | 3   | 14  | 296  | 2     | 1   | 3   | 7   | 28    | 9   | 37  | 957  |
| 1985             | 11              | 6   | 17  | 669  | 19              | 9   | 28  | 365  | 1     | 0   | 1   | 8   | 31    | 15  | 46  | 1042 |
| 1986             | 12              | 1   | 13  | 643  | 10              | 4   | 14  | 372  | 0     | 1   | 1   | 3   | 22    | 6   | 28  | 1018 |
| 1987             | 5               | 4   | 9   | 644  | 12              | 2   | 14  | 446  | 1     | 0   | 1   | 3   | 18    | 6   | 24  | 1093 |
| 1988             | 13              | 5   | 18  | 810  | 11              | 2   | 13  | 403  | 0     | 0   | 0   | 2   | 24    | 7   | 31  | 1215 |
| 1989             | 10              | 8   | 18  | 984  | 7               | 7   | 14  | 385  | 1     | 1   | 2   | 9   | 18    | 16  | 34  | 1378 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 185             | 62  | 247 | 2103 | 176             | 66  | 242 | 1006 | 5     | 7   | 12  | 24  | 366   | 135 | 501 | 3133 |
| 1981             | 157             | 86  | 243 | 2093 | 140             | 52  | 192 | 985  | 6     | 7   | 13  | 21  | 303   | 145 | 448 | 3099 |
| 1982             | 178             | 88  | 266 | 2034 | 149             | 66  | 215 | 858  | 6     | 5   | 11  | 29  | 333   | 159 | 492 | 2921 |
| 1983             | 131             | 67  | 198 | 1919 | 117             | 70  | 187 | 954  | 6     | 6   | 12  | 16  | 254   | 143 | 397 | 2889 |
| 1984             | 129             | 75  | 204 | 2086 | 111             | 56  | 167 | 1012 | 7     | 10  | 17  | 24  | 247   | 141 | 388 | 3122 |
| 1985             | 88              | 49  | 137 | 2082 | 123             | 62  | 185 | 1162 | 9     | 6   | 15  | 17  | 220   | 117 | 337 | 3261 |
| 1986             | 70              | 44  | 114 | 2038 | 84              | 45  | 129 | 1074 | 4     | 6   | 10  | 15  | 158   | 95  | 253 | 3127 |
| 1987             | 84              | 36  | 120 | 1981 | 86              | 49  | 135 | 1191 | 2     | 9   | 11  | 22  | 172   | 94  | 266 | 3194 |
| 1988             | 96              | 49  | 145 | 2489 | 67              | 44  | 111 | 1140 | 4     | 1   | 5   | 14  | 167   | 94  | 261 | 3643 |
| 1989             | 93              | 63  | 156 | 2925 | 64              | 47  | 111 | 1124 | 4     | 6   | 10  | 23  | 161   | 116 | 277 | 4072 |

KEY: HBD -- Drivers reported by police to have been drinking

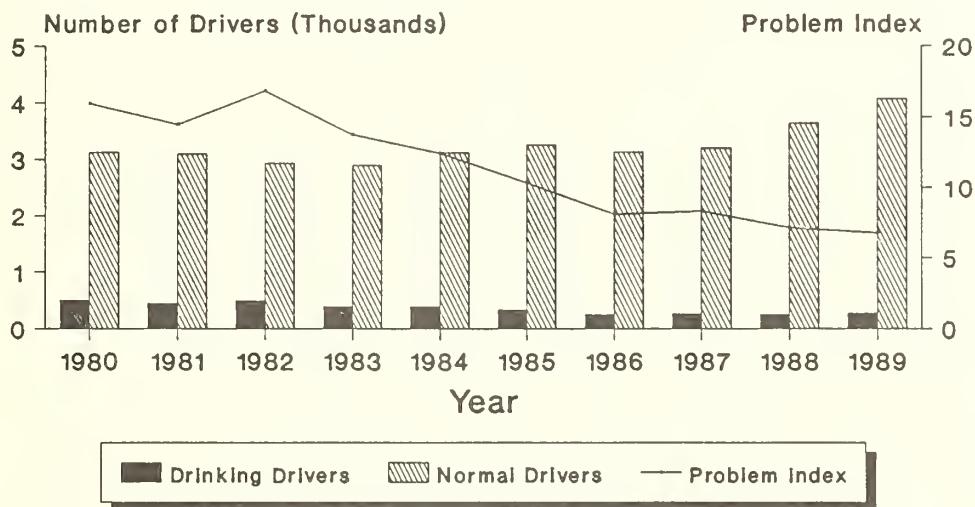
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

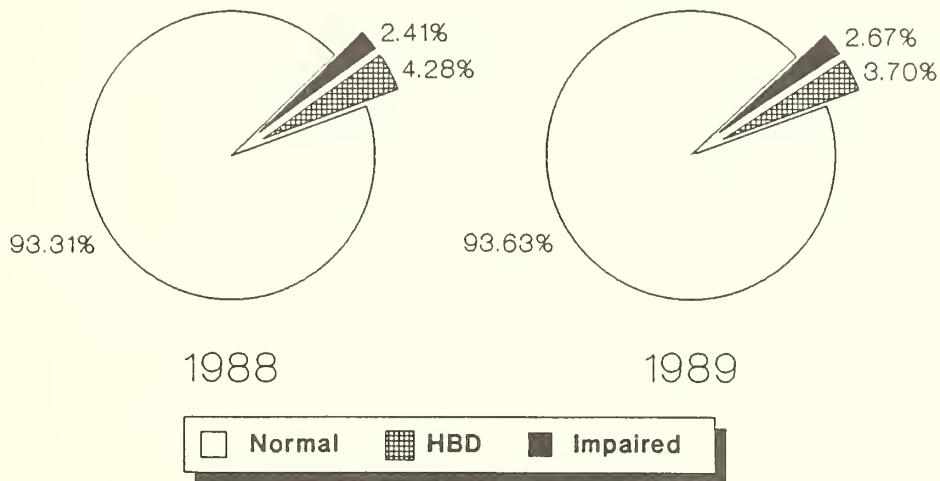
NOR -- Drivers whose condition was reported by police as "normal"

# HASTINGS

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## HURON

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 111             | 10  | 121 | 693 | 105             | 10  | 115 | 264 | 5     | 1   | 6   | 6   | 221   | 21  | 242 | 963  |
| 1981             | 97              | 17  | 114 | 650 | 102             | 7   | 109 | 315 | 3     | 2   | 5   | 9   | 202   | 26  | 228 | 974  |
| 1982             | 111             | 17  | 128 | 597 | 84              | 9   | 93  | 252 | 4     | 2   | 6   | 15  | 199   | 28  | 227 | 864  |
| 1983             | 92              | 14  | 106 | 571 | 101             | 14  | 115 | 245 | 2     | 6   | 8   | 5   | 195   | 34  | 229 | 821  |
| 1984             | 77              | 9   | 86  | 584 | 87              | 13  | 100 | 235 | 4     | 5   | 9   | 8   | 168   | 27  | 195 | 827  |
| 1985             | 75              | 15  | 90  | 572 | 70              | 12  | 82  | 288 | 1     | 4   | 5   | 7   | 146   | 31  | 177 | 867  |
| 1986             | 46              | 16  | 62  | 491 | 49              | 17  | 66  | 238 | 1     | 5   | 6   | 6   | 96    | 38  | 134 | 735  |
| 1987             | 47              | 14  | 61  | 452 | 42              | 13  | 55  | 291 | 0     | 1   | 1   | 8   | 89    | 28  | 117 | 751  |
| 1988             | 45              | 9   | 54  | 528 | 42              | 14  | 56  | 222 | 2     | 4   | 6   | 4   | 89    | 27  | 116 | 754  |
| 1989             | 34              | 7   | 41  | 583 | 22              | 7   | 29  | 251 | 1     | 1   | 2   | 8   | 57    | 15  | 72  | 842  |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 16              | 1   | 17  | 235 | 10              | 0   | 10  | 120 | 1     | 0   | 1   | 3   | 27    | 1   | 28  | 358  |
| 1981             | 9               | 1   | 10  | 230 | 9               | 0   | 9   | 111 | 0     | 0   | 0   | 0   | 18    | 1   | 19  | 341  |
| 1982             | 11              | 1   | 12  | 229 | 6               | 0   | 6   | 94  | 1     | 1   | 2   | 3   | 18    | 2   | 20  | 326  |
| 1983             | 7               | 0   | 7   | 223 | 9               | 2   | 11  | 112 | 0     | 0   | 0   | 3   | 16    | 2   | 18  | 338  |
| 1984             | 7               | 2   | 9   | 254 | 9               | 1   | 10  | 114 | 0     | 2   | 2   | 6   | 16    | 5   | 21  | 374  |
| 1985             | 10              | 1   | 11  | 256 | 11              | 0   | 11  | 140 | 0     | 1   | 1   | 2   | 21    | 2   | 23  | 398  |
| 1986             | 4               | 1   | 5   | 253 | 5               | 3   | 8   | 157 | 0     | 0   | 0   | 5   | 9     | 4   | 13  | 415  |
| 1987             | 3               | 4   | 7   | 235 | 2               | 0   | 2   | 164 | 0     | 1   | 1   | 4   | 5     | 5   | 10  | 403  |
| 1988             | 3               | 1   | 4   | 298 | 5               | 0   | 5   | 154 | 0     | 0   | 0   | 2   | 8     | 1   | 9   | 454  |
| 1989             | 5               | 2   | 7   | 291 | 7               | 0   | 7   | 154 | 0     | 0   | 0   | 3   | 12    | 2   | 14  | 448  |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 127             | 11  | 138 | 928 | 115             | 10  | 125 | 384 | 6     | 1   | 7   | 9   | 248   | 22  | 270 | 1321 |
| 1981             | 106             | 18  | 124 | 880 | 111             | 7   | 118 | 426 | 3     | 2   | 5   | 9   | 220   | 27  | 247 | 1315 |
| 1982             | 122             | 18  | 140 | 826 | 90              | 9   | 99  | 346 | 5     | 3   | 8   | 18  | 217   | 30  | 247 | 1190 |
| 1983             | 99              | 14  | 113 | 794 | 110             | 16  | 126 | 357 | 2     | 6   | 8   | 8   | 211   | 36  | 247 | 1159 |
| 1984             | 84              | 11  | 95  | 838 | 96              | 14  | 110 | 349 | 4     | 7   | 11  | 14  | 184   | 32  | 216 | 1201 |
| 1985             | 85              | 16  | 101 | 828 | 81              | 12  | 93  | 428 | 1     | 5   | 6   | 9   | 167   | 33  | 200 | 1265 |
| 1986             | 50              | 17  | 67  | 744 | 54              | 20  | 74  | 395 | 1     | 5   | 6   | 11  | 105   | 42  | 147 | 1150 |
| 1987             | 50              | 18  | 68  | 687 | 44              | 13  | 57  | 455 | 0     | 2   | 2   | 12  | 94    | 33  | 127 | 1154 |
| 1988             | 48              | 10  | 58  | 826 | 47              | 14  | 61  | 376 | 2     | 4   | 6   | 6   | 97    | 28  | 125 | 1208 |
| 1989             | 39              | 9   | 48  | 874 | 29              | 7   | 36  | 405 | 1     | 1   | 2   | 11  | 69    | 17  | 86  | 1290 |

KEY: HBD -- Drivers reported by police to have been drinking

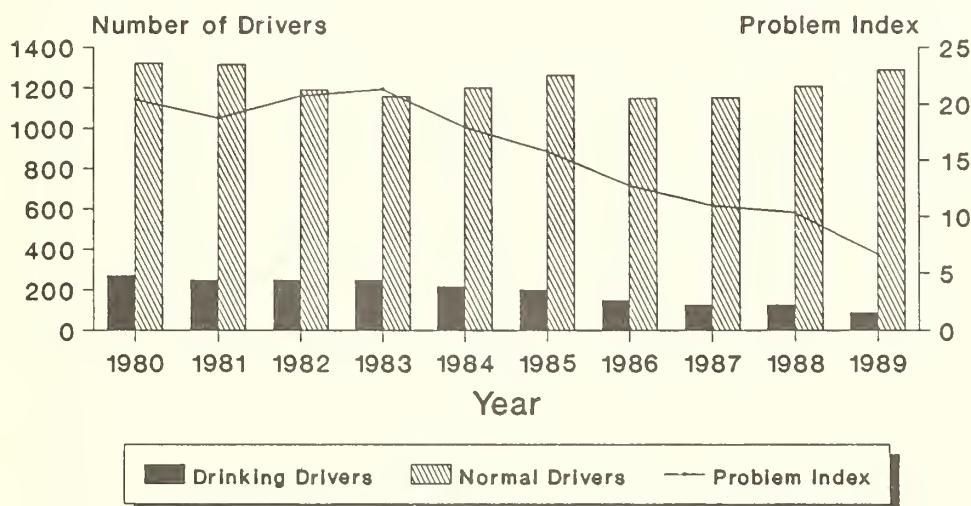
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

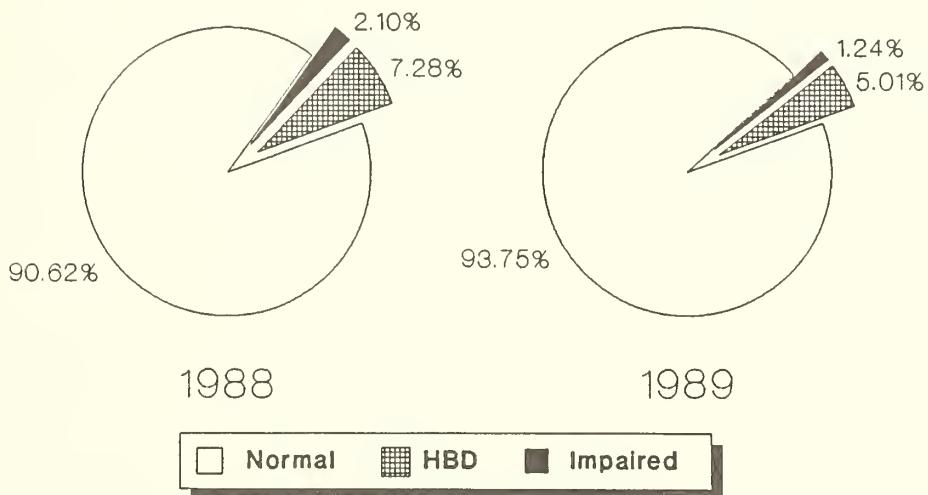
NOR -- Drivers whose condition was reported by police as "normal"

# HURON

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## KENORA

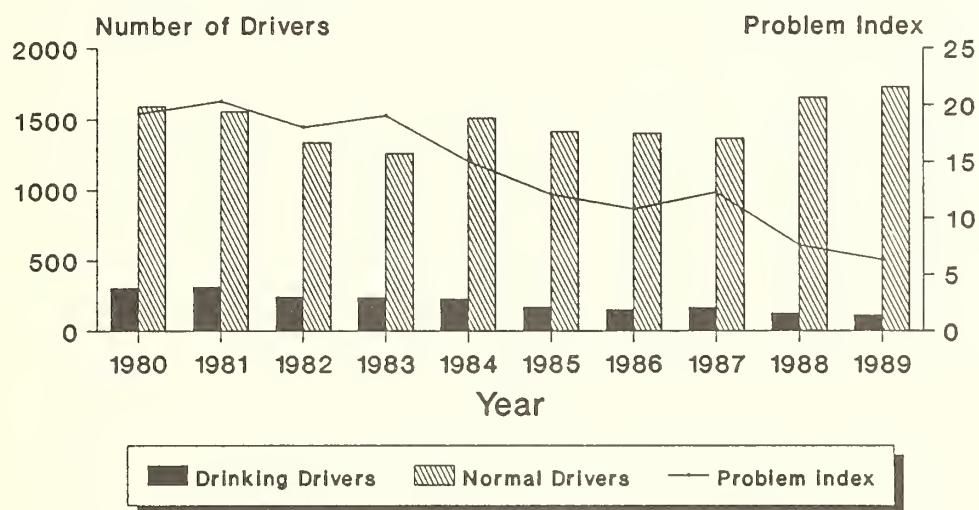
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 101             | 47  | 148 | 840  | 78              | 43  | 121 | 378 | 4     | 6   | 10  | 21  | 183   | 96  | 279 | 1239 |
| 1981             | 131             | 42  | 173 | 855  | 65              | 42  | 107 | 337 | 3     | 4   | 7   | 20  | 199   | 88  | 287 | 1212 |
| 1982             | 90              | 40  | 130 | 779  | 56              | 29  | 85  | 250 | 0     | 2   | 2   | 9   | 146   | 71  | 217 | 1038 |
| 1983             | 76              | 42  | 118 | 711  | 53              | 35  | 88  | 234 | 0     | 3   | 3   | 11  | 129   | 80  | 209 | 956  |
| 1984             | 74              | 37  | 111 | 846  | 65              | 32  | 97  | 288 | 0     | 2   | 2   | 12  | 139   | 71  | 210 | 1146 |
| 1985             | 48              | 22  | 70  | 746  | 35              | 32  | 67  | 334 | 3     | 5   | 8   | 9   | 86    | 59  | 145 | 1089 |
| 1986             | 42              | 31  | 73  | 725  | 36              | 22  | 58  | 307 | 2     | 2   | 4   | 13  | 80    | 55  | 135 | 1045 |
| 1987             | 41              | 26  | 67  | 652  | 49              | 18  | 67  | 336 | 3     | 4   | 7   | 14  | 93    | 48  | 141 | 1002 |
| 1988             | 38              | 20  | 58  | 898  | 24              | 12  | 36  | 284 | 2     | 3   | 5   | 9   | 64    | 35  | 99  | 1191 |
| 1989             | 33              | 17  | 50  | 1001 | 21              | 19  | 40  | 258 | 3     | 1   | 4   | 14  | 57    | 37  | 94  | 1273 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 12              | 6   | 18  | 230  | 8               | 2   | 10  | 123 | 0     | 1   | 1   | 3   | 20    | 9   | 29  | 356  |
| 1981             | 14              | 3   | 17  | 229  | 11              | 2   | 13  | 113 | 0     | 0   | 0   | 2   | 25    | 5   | 30  | 344  |
| 1982             | 8               | 7   | 15  | 194  | 7               | 4   | 11  | 108 | 0     | 0   | 0   | 1   | 15    | 11  | 26  | 303  |
| 1983             | 11              | 7   | 18  | 203  | 6               | 7   | 13  | 99  | 0     | 1   | 1   | 2   | 17    | 15  | 32  | 304  |
| 1984             | 7               | 4   | 11  | 246  | 3               | 2   | 5   | 117 | 1     | 1   | 2   | 0   | 11    | 7   | 18  | 363  |
| 1985             | 9               | 5   | 14  | 233  | 10              | 2   | 12  | 94  | 0     | 1   | 1   | 2   | 19    | 8   | 27  | 329  |
| 1986             | 5               | 2   | 7   | 230  | 6               | 3   | 9   | 128 | 0     | 1   | 1   | 0   | 11    | 6   | 17  | 358  |
| 1987             | 7               | 8   | 15  | 217  | 8               | 4   | 12  | 147 | 0     | 0   | 0   | 1   | 15    | 12  | 27  | 365  |
| 1988             | 11              | 7   | 18  | 336  | 2               | 6   | 8   | 126 | 1     | 0   | 1   | 0   | 14    | 13  | 27  | 462  |
| 1989             | 4               | 4   | 8   | 351  | 5               | 3   | 8   | 101 | 0     | 0   | 0   | 4   | 9     | 7   | 16  | 456  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 113             | 53  | 166 | 1070 | 86              | 45  | 131 | 501 | 4     | 7   | 11  | 24  | 203   | 105 | 308 | 1595 |
| 1981             | 145             | 45  | 190 | 1084 | 76              | 44  | 120 | 450 | 3     | 4   | 7   | 22  | 224   | 93  | 317 | 1556 |
| 1982             | 98              | 47  | 145 | 973  | 63              | 33  | 96  | 358 | 0     | 2   | 2   | 10  | 161   | 82  | 243 | 1341 |
| 1983             | 87              | 49  | 136 | 914  | 59              | 42  | 101 | 333 | 0     | 4   | 4   | 13  | 146   | 95  | 241 | 1260 |
| 1984             | 81              | 41  | 122 | 1092 | 68              | 34  | 102 | 405 | 1     | 3   | 4   | 12  | 150   | 78  | 228 | 1509 |
| 1985             | 57              | 27  | 84  | 979  | 45              | 34  | 79  | 428 | 3     | 6   | 9   | 11  | 105   | 67  | 172 | 1418 |
| 1986             | 47              | 33  | 80  | 955  | 42              | 25  | 67  | 435 | 2     | 3   | 5   | 13  | 91    | 61  | 152 | 1403 |
| 1987             | 48              | 34  | 82  | 869  | 57              | 22  | 79  | 483 | 3     | 4   | 7   | 15  | 108   | 60  | 168 | 1367 |
| 1988             | 49              | 27  | 76  | 1234 | 26              | 18  | 44  | 410 | 3     | 3   | 6   | 9   | 78    | 48  | 126 | 1653 |
| 1989             | 37              | 21  | 58  | 1352 | 26              | 22  | 48  | 359 | 3     | 1   | 4   | 18  | 66    | 44  | 110 | 1729 |

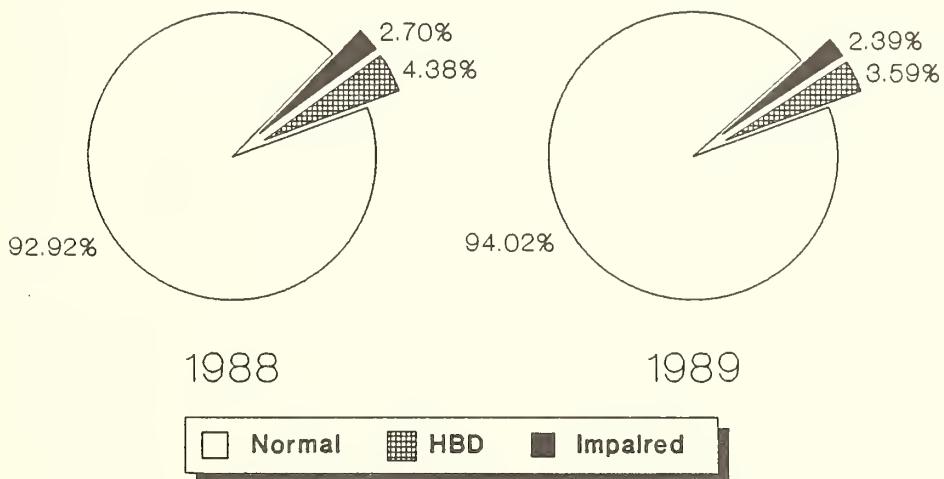
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# KENORA

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 148             | 53  | 201 | 1304 | 159             | 40  | 199 | 733  | 5     | 1   | 6   | 11  | 312   | 94  | 406 | 2048 |
| 1981             | 158             | 55  | 213 | 1234 | 134             | 28  | 162 | 659  | 0     | 11  | 11  | 11  | 292   | 94  | 386 | 1904 |
| 1982             | 117             | 46  | 163 | 1228 | 154             | 44  | 198 | 593  | 2     | 4   | 6   | 7   | 273   | 94  | 367 | 1828 |
| 1983             | 81              | 54  | 135 | 1160 | 126             | 36  | 162 | 682  | 2     | 8   | 10  | 6   | 209   | 98  | 307 | 1848 |
| 1984             | 88              | 41  | 129 | 1297 | 128             | 35  | 163 | 721  | 4     | 8   | 12  | 9   | 220   | 84  | 304 | 2027 |
| 1985             | 67              | 37  | 104 | 1318 | 98              | 48  | 146 | 835  | 3     | 4   | 7   | 17  | 168   | 89  | 257 | 2170 |
| 1986             | 55              | 31  | 86  | 1217 | 75              | 33  | 108 | 755  | 2     | 5   | 7   | 8   | 132   | 69  | 201 | 1980 |
| 1987             | 73              | 27  | 100 | 1155 | 88              | 39  | 127 | 802  | 4     | 3   | 7   | 10  | 165   | 69  | 234 | 1967 |
| 1988             | 62              | 32  | 94  | 1224 | 62              | 32  | 94  | 658  | 4     | 4   | 8   | 11  | 128   | 68  | 196 | 1893 |
| 1989             | 56              | 34  | 90  | 1369 | 49              | 38  | 87  | 654  | 1     | 0   | 1   | 6   | 106   | 72  | 178 | 2029 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 13              | 2   | 15  | 562  | 17              | 3   | 20  | 331  | 3     | 0   | 3   | 7   | 33    | 5   | 38  | 900  |
| 1981             | 16              | 4   | 20  | 543  | 19              | 1   | 20  | 326  | 1     | 3   | 4   | 4   | 36    | 8   | 44  | 873  |
| 1982             | 7               | 5   | 12  | 519  | 24              | 4   | 28  | 280  | 0     | 3   | 3   | 2   | 31    | 12  | 43  | 801  |
| 1983             | 8               | 3   | 11  | 524  | 13              | 3   | 16  | 284  | 1     | 0   | 1   | 5   | 22    | 6   | 28  | 813  |
| 1984             | 15              | 4   | 19  | 583  | 12              | 5   | 17  | 333  | 0     | 0   | 0   | 2   | 27    | 9   | 36  | 918  |
| 1985             | 16              | 6   | 22  | 526  | 17              | 3   | 20  | 426  | 0     | 0   | 0   | 4   | 33    | 9   | 42  | 956  |
| 1986             | 7               | 4   | 11  | 565  | 7               | 1   | 8   | 391  | 0     | 0   | 0   | 4   | 14    | 5   | 19  | 960  |
| 1987             | 9               | 6   | 15  | 600  | 13              | 5   | 18  | 423  | 1     | 0   | 1   | 5   | 23    | 11  | 34  | 1028 |
| 1988             | 9               | 4   | 13  | 631  | 10              | 3   | 13  | 367  | 1     | 0   | 1   | 3   | 20    | 7   | 27  | 1001 |
| 1989             | 8               | 7   | 15  | 795  | 10              | 1   | 11  | 389  | 0     | 1   | 1   | 4   | 18    | 9   | 27  | 1188 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 161             | 55  | 216 | 1866 | 176             | 43  | 219 | 1064 | 8     | 1   | 9   | 18  | 345   | 99  | 444 | 2948 |
| 1981             | 174             | 59  | 233 | 1777 | 153             | 29  | 182 | 985  | 1     | 14  | 15  | 15  | 328   | 102 | 430 | 2777 |
| 1982             | 124             | 51  | 175 | 1747 | 178             | 48  | 226 | 873  | 2     | 7   | 9   | 9   | 304   | 106 | 410 | 2629 |
| 1983             | 89              | 57  | 146 | 1684 | 139             | 39  | 178 | 966  | 3     | 8   | 11  | 11  | 231   | 104 | 335 | 2661 |
| 1984             | 103             | 45  | 148 | 1880 | 140             | 40  | 180 | 1054 | 4     | 8   | 12  | 11  | 247   | 93  | 340 | 2945 |
| 1985             | 83              | 43  | 126 | 1844 | 115             | 51  | 166 | 1261 | 3     | 4   | 7   | 21  | 201   | 98  | 299 | 3126 |
| 1986             | 62              | 35  | 97  | 1782 | 82              | 34  | 116 | 1146 | 2     | 5   | 7   | 12  | 146   | 74  | 220 | 2940 |
| 1987             | 82              | 33  | 115 | 1755 | 101             | 44  | 145 | 1225 | 5     | 3   | 8   | 15  | 188   | 80  | 268 | 2995 |
| 1988             | 71              | 36  | 107 | 1855 | 72              | 35  | 107 | 1025 | 5     | 4   | 9   | 14  | 148   | 75  | 223 | 2894 |
| 1989             | 64              | 41  | 105 | 2164 | 59              | 39  | 98  | 1043 | 1     | 1   | 2   | 10  | 124   | 81  | 205 | 3217 |

KEY: HBD -- Drivers reported by police to have been drinking

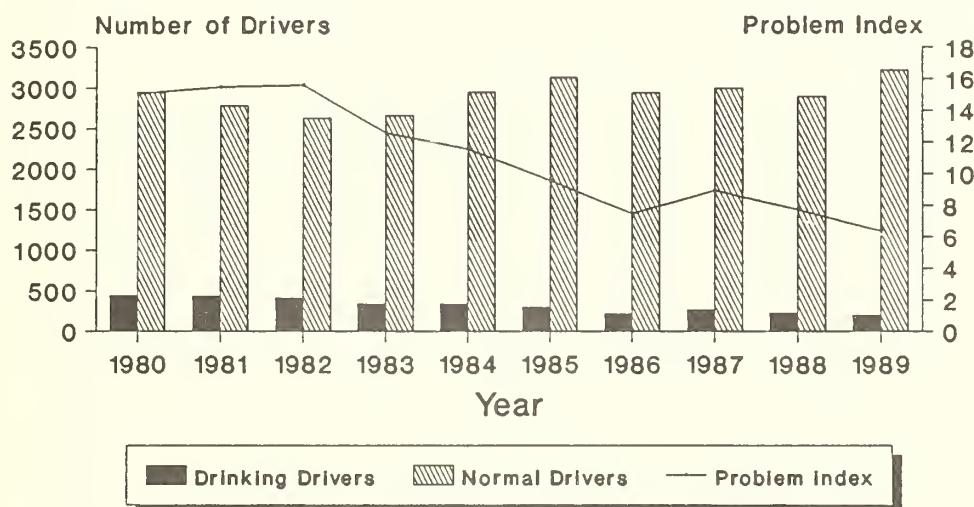
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

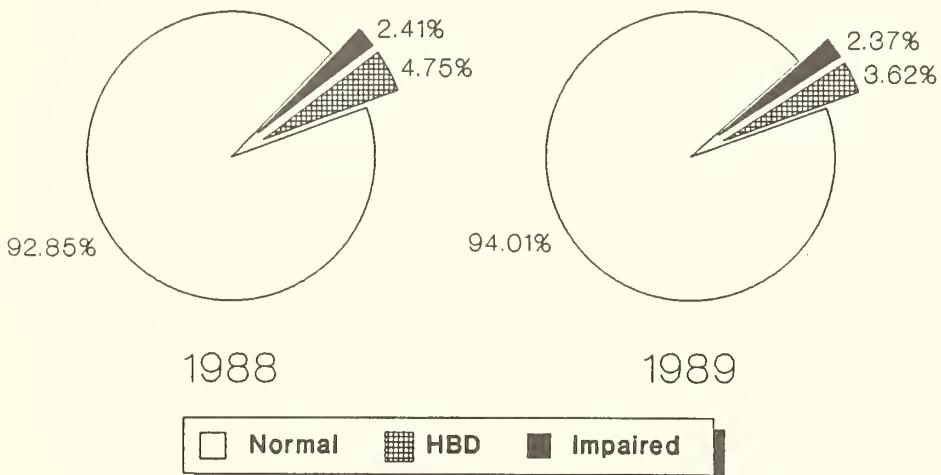
NOR -- Drivers whose condition was reported by police as "normal"

# KENT

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 179             | 74  | 253 | 1717 | 196             | 55  | 251 | 810  | 6     | 12  | 18  | 11  | 381   | 141 | 522 | 2538 |
| 1981             | 181             | 66  | 247 | 1828 | 209             | 46  | 255 | 800  | 4     | 8   | 12  | 16  | 394   | 120 | 514 | 2644 |
| 1982             | 205             | 70  | 275 | 1699 | 189             | 58  | 247 | 784  | 4     | 3   | 7   | 15  | 398   | 131 | 529 | 2498 |
| 1983             | 204             | 58  | 262 | 1575 | 193             | 38  | 231 | 780  | 5     | 7   | 12  | 16  | 402   | 103 | 505 | 2371 |
| 1984             | 164             | 49  | 213 | 1598 | 184             | 48  | 232 | 713  | 1     | 5   | 6   | 7   | 349   | 102 | 451 | 2318 |
| 1985             | 101             | 45  | 146 | 1461 | 146             | 45  | 191 | 805  | 2     | 0   | 2   | 12  | 249   | 90  | 339 | 2278 |
| 1986             | 91              | 25  | 116 | 1319 | 116             | 44  | 160 | 769  | 2     | 3   | 5   | 12  | 209   | 72  | 281 | 2100 |
| 1987             | 95              | 43  | 138 | 1284 | 106             | 27  | 133 | 702  | 2     | 5   | 7   | 7   | 203   | 75  | 278 | 1993 |
| 1988             | 84              | 36  | 120 | 1502 | 76              | 23  | 99  | 638  | 0     | 3   | 3   | 14  | 160   | 62  | 222 | 2154 |
| 1989             | 89              | 28  | 117 | 1527 | 61              | 24  | 85  | 630  | 1     | 5   | 6   | 8   | 151   | 57  | 208 | 2165 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 14              | 6   | 20  | 688  | 29              | 3   | 32  | 377  | 0     | 0   | 0   | 1   | 43    | 9   | 52  | 1066 |
| 1981             | 27              | 7   | 34  | 814  | 24              | 5   | 29  | 369  | 0     | 2   | 2   | 5   | 51    | 14  | 65  | 1188 |
| 1982             | 28              | 3   | 31  | 771  | 32              | 4   | 36  | 425  | 1     | 1   | 2   | 5   | 61    | 8   | 69  | 1201 |
| 1983             | 26              | 10  | 36  | 769  | 32              | 6   | 38  | 367  | 0     | 0   | 0   | 3   | 58    | 16  | 74  | 1139 |
| 1984             | 32              | 7   | 39  | 782  | 25              | 4   | 29  | 381  | 0     | 1   | 1   | 2   | 57    | 12  | 69  | 1165 |
| 1985             | 22              | 4   | 26  | 755  | 24              | 2   | 26  | 391  | 0     | 0   | 0   | 0   | 46    | 6   | 52  | 1146 |
| 1986             | 14              | 6   | 20  | 688  | 18              | 6   | 24  | 446  | 0     | 1   | 1   | 8   | 32    | 13  | 45  | 1142 |
| 1987             | 17              | 6   | 23  | 663  | 19              | 6   | 25  | 453  | 0     | 0   | 0   | 8   | 36    | 12  | 48  | 1124 |
| 1988             | 13              | 7   | 20  | 919  | 12              | 4   | 16  | 415  | 0     | 0   | 0   | 3   | 25    | 11  | 36  | 1337 |
| 1989             | 16              | 3   | 19  | 934  | 16              | 5   | 21  | 353  | 0     | 1   | 1   | 1   | 32    | 9   | 41  | 1288 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 193             | 80  | 273 | 2405 | 225             | 58  | 283 | 1187 | 6     | 12  | 18  | 12  | 424   | 150 | 574 | 3604 |
| 1981             | 208             | 73  | 281 | 2642 | 233             | 51  | 284 | 1169 | 4     | 10  | 14  | 21  | 445   | 134 | 579 | 3832 |
| 1982             | 233             | 73  | 306 | 2470 | 221             | 62  | 283 | 1209 | 5     | 4   | 9   | 20  | 459   | 139 | 598 | 3699 |
| 1983             | 230             | 68  | 298 | 2344 | 225             | 44  | 269 | 1147 | 5     | 7   | 12  | 19  | 460   | 119 | 579 | 3510 |
| 1984             | 196             | 56  | 252 | 2380 | 209             | 52  | 261 | 1094 | 1     | 6   | 7   | 9   | 406   | 114 | 520 | 3483 |
| 1985             | 123             | 49  | 172 | 2216 | 170             | 47  | 217 | 1196 | 2     | 0   | 2   | 12  | 295   | 96  | 391 | 3424 |
| 1986             | 105             | 31  | 136 | 2007 | 134             | 50  | 184 | 1215 | 2     | 4   | 6   | 20  | 241   | 85  | 326 | 3242 |
| 1987             | 112             | 49  | 161 | 1947 | 125             | 33  | 158 | 1155 | 2     | 5   | 7   | 15  | 239   | 87  | 326 | 3117 |
| 1988             | 97              | 43  | 140 | 2421 | 88              | 27  | 115 | 1053 | 0     | 3   | 3   | 17  | 185   | 73  | 258 | 3491 |
| 1989             | 105             | 31  | 136 | 2461 | 77              | 29  | 106 | 983  | 1     | 6   | 7   | 9   | 183   | 66  | 249 | 3453 |

KEY: HBD -- Drivers reported by police to have been drinking

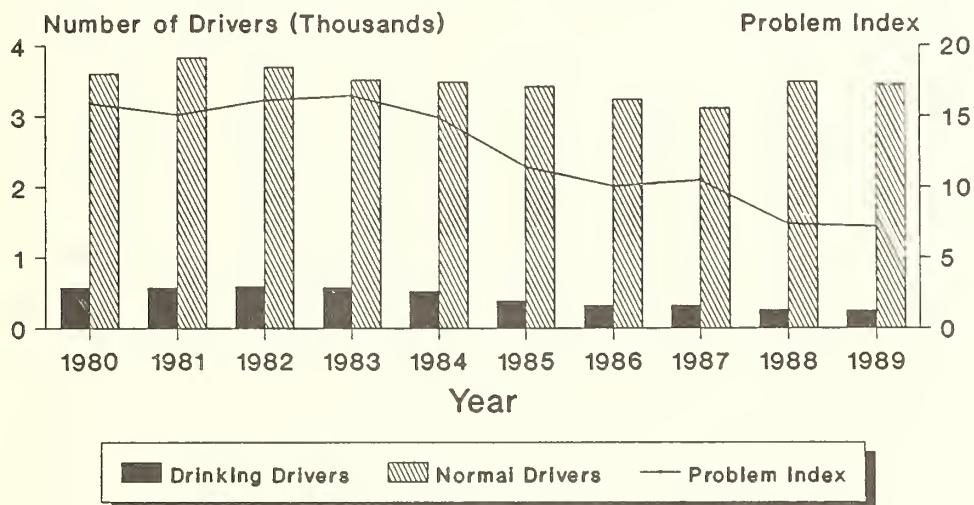
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

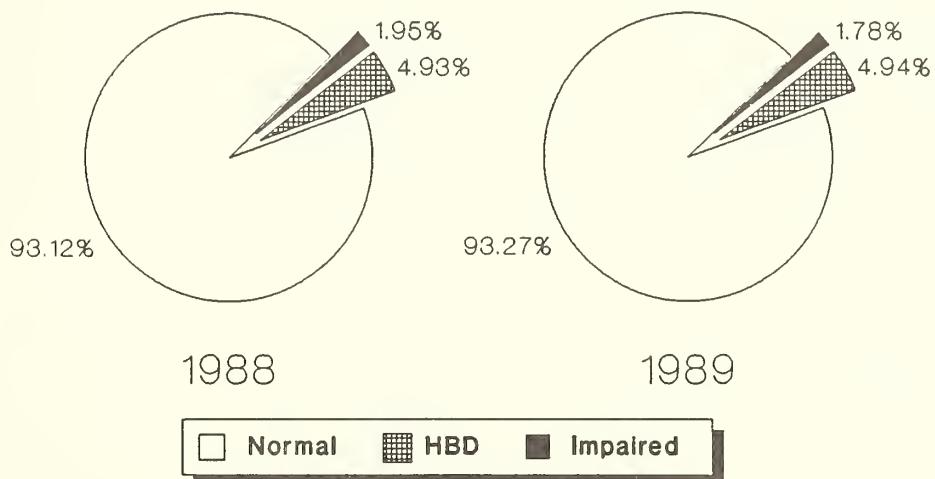
NOR -- Drivers whose condition was reported by police as "normal"

# LAMBTON

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 55              | 36  | 91  | 631  | 65              | 26  | 91  | 266 | 3     | 3   | 6   | 8   | 123   | 65  | 188 | 905  |
| 1981             | 54              | 33  | 87  | 549  | 68              | 29  | 97  | 256 | 3     | 1   | 4   | 10  | 125   | 63  | 188 | 815  |
| 1982             | 78              | 24  | 102 | 565  | 76              | 23  | 99  | 242 | 1     | 1   | 2   | 3   | 155   | 48  | 203 | 810  |
| 1983             | 50              | 26  | 76  | 670  | 58              | 17  | 75  | 296 | 0     | 5   | 5   | 8   | 108   | 48  | 156 | 974  |
| 1984             | 48              | 17  | 65  | 613  | 51              | 26  | 77  | 282 | 3     | 2   | 5   | 7   | 102   | 45  | 147 | 902  |
| 1985             | 48              | 21  | 69  | 658  | 42              | 21  | 63  | 318 | 1     | 0   | 1   | 8   | 91    | 42  | 133 | 984  |
| 1986             | 42              | 14  | 56  | 626  | 41              | 11  | 52  | 315 | 3     | 2   | 5   | 7   | 86    | 27  | 113 | 948  |
| 1987             | 38              | 19  | 57  | 621  | 43              | 27  | 70  | 305 | 0     | 1   | 1   | 8   | 81    | 47  | 128 | 934  |
| 1988             | 27              | 14  | 41  | 654  | 43              | 12  | 55  | 287 | 2     | 2   | 4   | 9   | 72    | 28  | 100 | 950  |
| 1989             | 28              | 11  | 39  | 710  | 34              | 11  | 45  | 340 | 5     | 3   | 8   | 12  | 67    | 25  | 92  | 1062 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 7               | 3   | 10  | 247  | 10              | 1   | 11  | 114 | 0     | 1   | 1   | 2   | 17    | 5   | 22  | 363  |
| 1981             | 4               | 3   | 7   | 236  | 9               | 2   | 11  | 118 | 0     | 0   | 0   | 0   | 13    | 5   | 18  | 354  |
| 1982             | 3               | 3   | 6   | 210  | 10              | 2   | 12  | 104 | 0     | 0   | 0   | 2   | 13    | 5   | 18  | 316  |
| 1983             | 4               | 0   | 4   | 276  | 6               | 1   | 7   | 113 | 0     | 0   | 0   | 2   | 10    | 1   | 11  | 391  |
| 1984             | 4               | 2   | 6   | 293  | 11              | 1   | 12  | 109 | 0     | 1   | 1   | 3   | 15    | 4   | 19  | 405  |
| 1985             | 5               | 3   | 8   | 279  | 3               | 1   | 4   | 129 | 0     | 0   | 0   | 1   | 8     | 4   | 12  | 409  |
| 1986             | 6               | 3   | 9   | 254  | 8               | 5   | 13  | 148 | 0     | 0   | 0   | 1   | 14    | 8   | 22  | 403  |
| 1987             | 4               | 1   | 5   | 276  | 4               | 0   | 4   | 146 | 0     | 0   | 0   | 2   | 8     | 1   | 9   | 424  |
| 1988             | 3               | 1   | 4   | 326  | 3               | 2   | 5   | 154 | 0     | 0   | 0   | 3   | 6     | 3   | 9   | 483  |
| 1989             | 3               | 1   | 4   | 345  | 8               | 0   | 8   | 162 | 0     | 0   | 0   | 3   | 11    | 1   | 12  | 510  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 62              | 39  | 101 | 878  | 75              | 27  | 102 | 380 | 3     | 4   | 7   | 10  | 140   | 70  | 210 | 1268 |
| 1981             | 58              | 36  | 94  | 785  | 77              | 31  | 108 | 374 | 3     | 1   | 4   | 10  | 138   | 68  | 206 | 1169 |
| 1982             | 81              | 27  | 108 | 775  | 86              | 25  | 111 | 346 | 1     | 1   | 2   | 5   | 168   | 53  | 221 | 1126 |
| 1983             | 54              | 26  | 80  | 946  | 64              | 18  | 82  | 409 | 0     | 5   | 5   | 10  | 118   | 49  | 167 | 1365 |
| 1984             | 52              | 19  | 71  | 906  | 62              | 27  | 89  | 391 | 3     | 3   | 6   | 10  | 117   | 49  | 166 | 1307 |
| 1985             | 53              | 24  | 77  | 937  | 45              | 22  | 67  | 447 | 1     | 0   | 1   | 9   | 99    | 46  | 145 | 1393 |
| 1986             | 48              | 17  | 65  | 880  | 49              | 16  | 65  | 463 | 3     | 2   | 5   | 8   | 100   | 35  | 135 | 1351 |
| 1987             | 42              | 20  | 62  | 897  | 47              | 27  | 74  | 451 | 0     | 1   | 1   | 10  | 89    | 48  | 137 | 1358 |
| 1988             | 30              | 15  | 45  | 980  | 46              | 14  | 60  | 441 | 2     | 2   | 4   | 12  | 78    | 31  | 109 | 1433 |
| 1989             | 31              | 12  | 43  | 1055 | 42              | 11  | 53  | 502 | 5     | 3   | 8   | 15  | 78    | 26  | 104 | 1572 |

KEY:

HBD -- Drivers reported by police to have been drinking

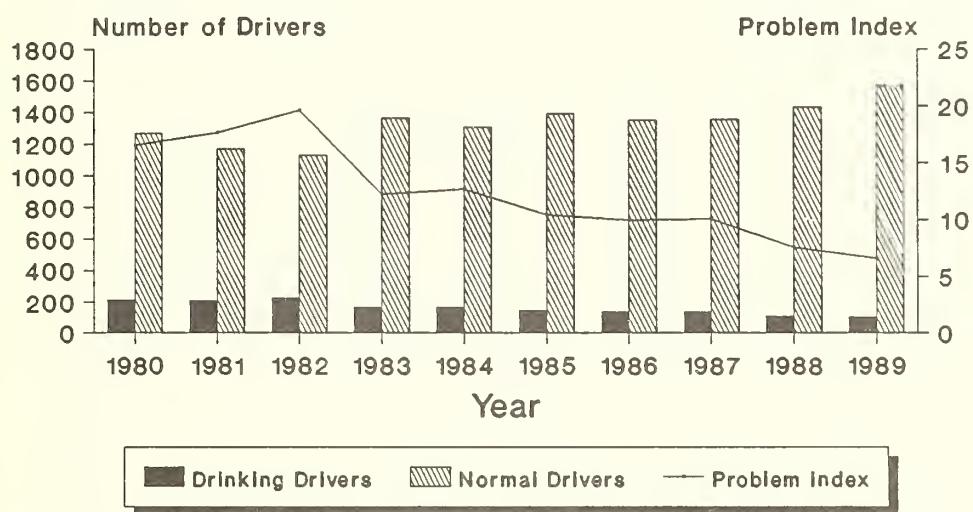
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

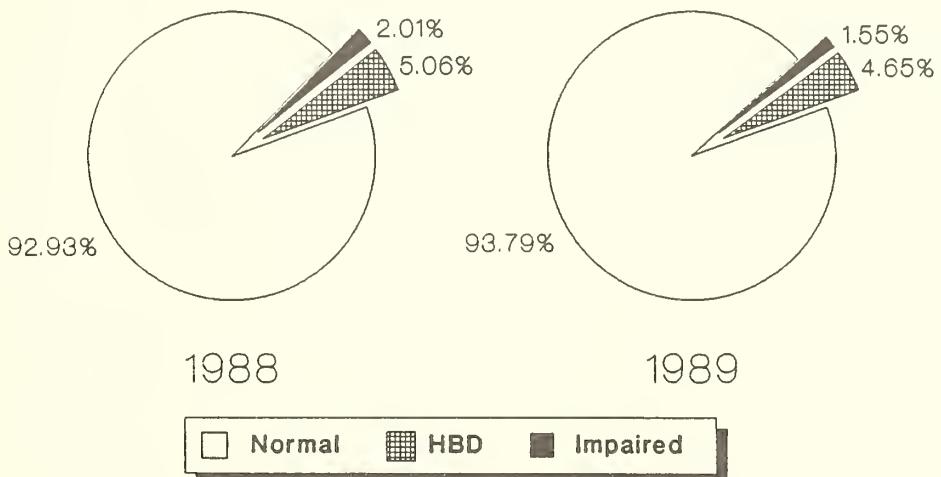
NOR -- Drivers whose condition was reported by police as "normal"

# LANARK

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



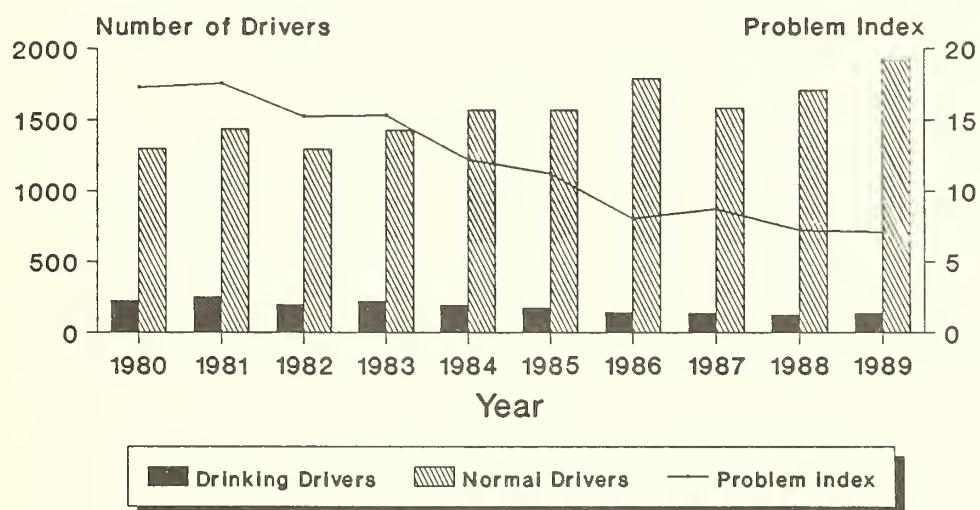
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 75              | 32  | 107 | 608  | 68              | 22  | 90  | 315 | 2     | 3   | 5   | 6   | 145   | 57  | 202 | 929  |
| 1981             | 69              | 44  | 113 | 683  | 78              | 38  | 116 | 336 | 2     | 3   | 5   | 10  | 149   | 85  | 234 | 1029 |
| 1982             | 66              | 27  | 93  | 618  | 50              | 23  | 73  | 293 | 2     | 3   | 5   | 3   | 118   | 53  | 171 | 914  |
| 1983             | 50              | 44  | 94  | 632  | 61              | 36  | 97  | 339 | 1     | 6   | 7   | 6   | 112   | 86  | 198 | 977  |
| 1984             | 60              | 29  | 89  | 695  | 45              | 27  | 72  | 364 | 0     | 5   | 5   | 6   | 105   | 61  | 166 | 1065 |
| 1985             | 49              | 23  | 72  | 715  | 48              | 29  | 77  | 377 | 1     | 5   | 6   | 13  | 98    | 57  | 155 | 1105 |
| 1986             | 38              | 23  | 61  | 833  | 39              | 17  | 56  | 380 | 3     | 4   | 7   | 15  | 80    | 44  | 124 | 1228 |
| 1987             | 34              | 20  | 54  | 684  | 43              | 24  | 67  | 378 | 0     | 3   | 3   | 11  | 77    | 47  | 124 | 1073 |
| 1988             | 34              | 24  | 58  | 750  | 32              | 18  | 50  | 380 | 0     | 2   | 2   | 14  | 66    | 44  | 110 | 1144 |
| 1989             | 37              | 21  | 58  | 907  | 37              | 27  | 64  | 349 | 2     | 2   | 4   | 5   | 76    | 50  | 126 | 1261 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 9               | 4   | 13  | 234  | 7               | 3   | 10  | 136 | 0     | 0   | 0   | 3   | 16    | 7   | 23  | 373  |
| 1981             | 6               | 4   | 10  | 282  | 8               | 1   | 9   | 127 | 0     | 0   | 0   | 3   | 14    | 5   | 19  | 412  |
| 1982             | 10              | 5   | 15  | 250  | 6               | 6   | 12  | 133 | 0     | 0   | 0   | 0   | 16    | 11  | 27  | 383  |
| 1983             | 2               | 5   | 7   | 283  | 13              | 1   | 14  | 168 | 0     | 0   | 0   | 0   | 15    | 6   | 21  | 451  |
| 1984             | 9               | 3   | 12  | 334  | 7               | 6   | 13  | 170 | 1     | 0   | 1   | 1   | 17    | 9   | 26  | 505  |
| 1985             | 5               | 2   | 7   | 286  | 12              | 3   | 15  | 177 | 0     | 0   | 0   | 3   | 17    | 5   | 22  | 466  |
| 1986             | 6               | 2   | 8   | 368  | 7               | 4   | 11  | 198 | 1     | 1   | 2   | 1   | 14    | 7   | 21  | 567  |
| 1987             | 4               | 5   | 9   | 335  | 3               | 3   | 6   | 175 | 0     | 0   | 0   | 3   | 7     | 8   | 15  | 513  |
| 1988             | 3               | 3   | 6   | 363  | 4               | 4   | 8   | 195 | 0     | 0   | 0   | 5   | 7     | 7   | 14  | 563  |
| 1989             | 3               | 0   | 3   | 457  | 4               | 4   | 8   | 209 | 0     | 0   | 0   | 4   | 7     | 4   | 11  | 670  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 84              | 36  | 120 | 842  | 75              | 25  | 100 | 451 | 2     | 3   | 5   | 9   | 161   | 64  | 225 | 1302 |
| 1981             | 75              | 48  | 123 | 965  | 86              | 39  | 125 | 463 | 2     | 3   | 5   | 13  | 163   | 90  | 253 | 1441 |
| 1982             | 76              | 32  | 108 | 868  | 56              | 29  | 85  | 426 | 2     | 3   | 5   | 3   | 134   | 64  | 198 | 1297 |
| 1983             | 52              | 49  | 101 | 915  | 74              | 37  | 111 | 507 | 1     | 6   | 7   | 6   | 127   | 92  | 219 | 1428 |
| 1984             | 69              | 32  | 101 | 1029 | 52              | 33  | 85  | 534 | 1     | 5   | 6   | 7   | 122   | 70  | 192 | 1570 |
| 1985             | 54              | 25  | 79  | 1001 | 60              | 32  | 92  | 554 | 1     | 5   | 6   | 16  | 115   | 62  | 177 | 1571 |
| 1986             | 44              | 25  | 69  | 1201 | 46              | 21  | 67  | 578 | 4     | 5   | 9   | 16  | 94    | 51  | 145 | 1795 |
| 1987             | 38              | 25  | 63  | 1019 | 46              | 27  | 73  | 553 | 0     | 3   | 3   | 14  | 84    | 55  | 139 | 1586 |
| 1988             | 37              | 27  | 64  | 1113 | 36              | 22  | 58  | 575 | 0     | 2   | 2   | 19  | 73    | 51  | 124 | 1707 |
| 1989             | 40              | 21  | 61  | 1364 | 41              | 31  | 72  | 558 | 2     | 2   | 4   | 9   | 83    | 54  | 137 | 1931 |

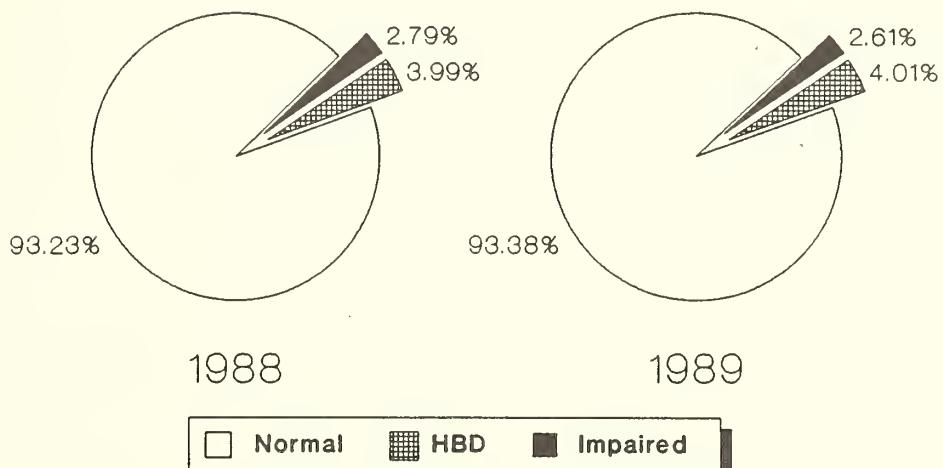
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# LEEDS

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 32              | 12  | 44  | 348 | 47              | 14  | 61  | 191 | 1     | 5   | 6   | 7   | 80    | 31  | 111 | 546  |
| 1981             | 39              | 19  | 58  | 339 | 42              | 15  | 57  | 199 | 1     | 2   | 3   | 5   | 82    | 36  | 118 | 543  |
| 1982             | 31              | 16  | 47  | 293 | 46              | 19  | 65  | 168 | 1     | 1   | 2   | 5   | 78    | 36  | 114 | 466  |
| 1983             | 30              | 9   | 39  | 345 | 28              | 15  | 43  | 148 | 1     | 2   | 3   | 8   | 59    | 26  | 85  | 501  |
| 1984             | 33              | 14  | 47  | 365 | 33              | 8   | 41  | 193 | 3     | 3   | 6   | 5   | 69    | 25  | 94  | 563  |
| 1985             | 28              | 9   | 37  | 344 | 30              | 6   | 36  | 193 | 1     | 1   | 2   | 6   | 59    | 16  | 75  | 543  |
| 1986             | 22              | 12  | 34  | 336 | 26              | 10  | 36  | 207 | 0     | 0   | 0   | 8   | 48    | 22  | 70  | 551  |
| 1987             | 24              | 11  | 35  | 358 | 26              | 13  | 39  | 190 | 0     | 3   | 3   | 10  | 50    | 27  | 77  | 558  |
| 1988             | 25              | 13  | 38  | 415 | 27              | 12  | 39  | 196 | 1     | 2   | 3   | 1   | 53    | 27  | 80  | 612  |
| 1989             | 20              | 12  | 32  | 475 | 25              | 8   | 33  | 227 | 1     | 1   | 2   | 5   | 46    | 21  | 67  | 707  |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 2               | 2   | 4   | 121 | 7               | 1   | 8   | 67  | 0     | 0   | 0   | 0   | 9     | 3   | 12  | 188  |
| 1981             | 1               | 1   | 2   | 123 | 3               | 1   | 4   | 70  | 0     | 1   | 1   | 1   | 4     | 3   | 7   | 194  |
| 1982             | 9               | 3   | 12  | 117 | 8               | 0   | 8   | 67  | 0     | 0   | 0   | 0   | 17    | 3   | 20  | 184  |
| 1983             | 3               | 3   | 6   | 139 | 5               | 0   | 5   | 79  | 0     | 0   | 0   | 1   | 8     | 3   | 11  | 219  |
| 1984             | 2               | 1   | 3   | 168 | 4               | 0   | 4   | 80  | 0     | 0   | 0   | 2   | 6     | 1   | 7   | 250  |
| 1985             | 4               | 0   | 4   | 155 | 7               | 2   | 9   | 98  | 0     | 0   | 0   | 0   | 11    | 2   | 13  | 253  |
| 1986             | 0               | 0   | 0   | 142 | 8               | 0   | 8   | 99  | 0     | 0   | 0   | 4   | 8     | 0   | 8   | 245  |
| 1987             | 2               | 4   | 6   | 154 | 8               | 2   | 10  | 89  | 0     | 0   | 0   | 2   | 10    | 6   | 16  | 245  |
| 1988             | 0               | 2   | 2   | 196 | 3               | 1   | 4   | 102 | 0     | 0   | 0   | 2   | 3     | 3   | 6   | 300  |
| 1989             | 2               | 1   | 3   | 220 | 2               | 3   | 5   | 111 | 0     | 0   | 0   | 2   | 4     | 4   | 8   | 333  |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 34              | 14  | 48  | 469 | 54              | 15  | 69  | 258 | 1     | 5   | 6   | 7   | 89    | 34  | 123 | 734  |
| 1981             | 40              | 20  | 60  | 462 | 45              | 16  | 61  | 269 | 1     | 3   | 4   | 6   | 86    | 39  | 125 | 737  |
| 1982             | 40              | 19  | 59  | 410 | 54              | 19  | 73  | 235 | 1     | 1   | 2   | 5   | 95    | 39  | 134 | 650  |
| 1983             | 33              | 12  | 45  | 484 | 33              | 15  | 48  | 227 | 1     | 2   | 3   | 9   | 67    | 29  | 96  | 720  |
| 1984             | 35              | 15  | 50  | 533 | 37              | 8   | 45  | 273 | 3     | 3   | 6   | 7   | 75    | 26  | 101 | 813  |
| 1985             | 32              | 9   | 41  | 499 | 37              | 8   | 45  | 291 | 1     | 1   | 2   | 6   | 70    | 18  | 88  | 796  |
| 1986             | 22              | 12  | 34  | 478 | 34              | 10  | 44  | 306 | 0     | 0   | 0   | 12  | 56    | 22  | 78  | 796  |
| 1987             | 26              | 15  | 41  | 512 | 34              | 15  | 49  | 279 | 0     | 3   | 3   | 12  | 60    | 33  | 93  | 803  |
| 1988             | 25              | 15  | 40  | 611 | 30              | 13  | 43  | 298 | 1     | 2   | 3   | 3   | 56    | 30  | 86  | 912  |
| 1989             | 22              | 13  | 35  | 695 | 27              | 11  | 38  | 338 | 1     | 1   | 2   | 7   | 50    | 25  | 75  | 1040 |

KEY: HBD -- Drivers reported by police to have been drinking

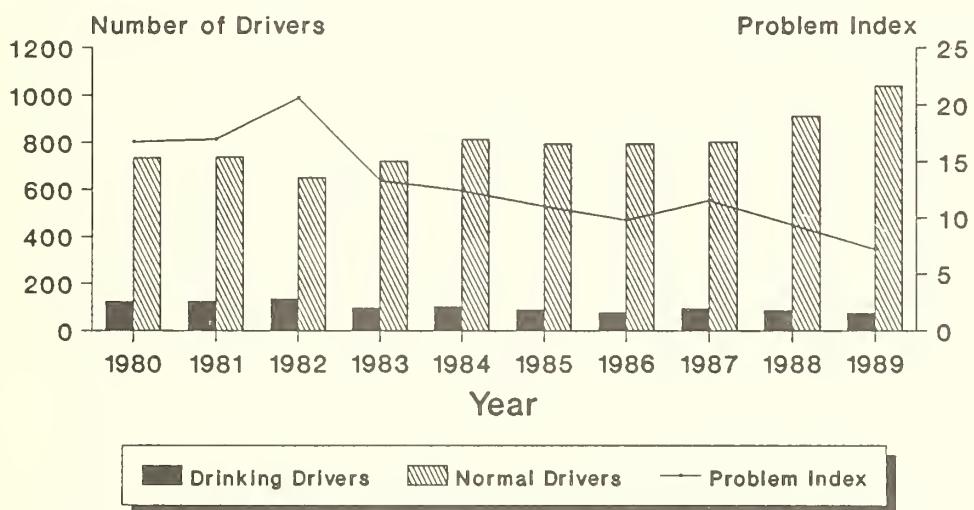
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

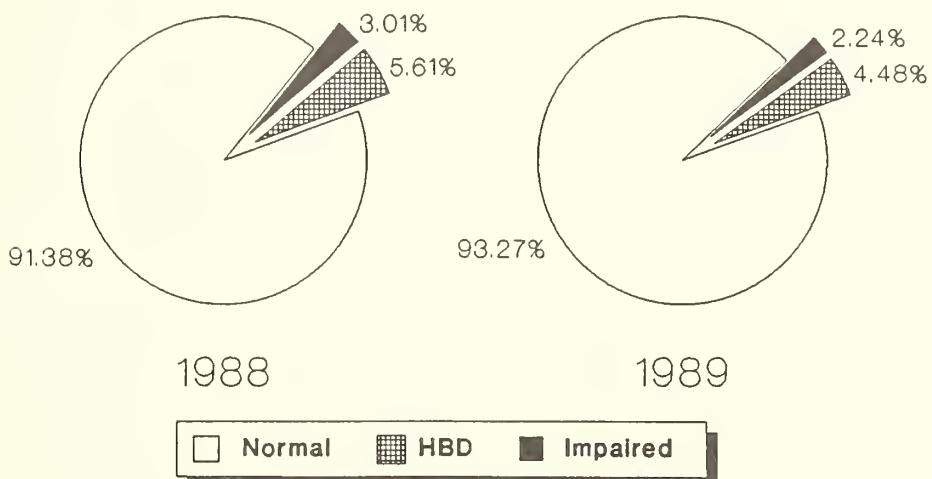
NOR -- Drivers whose condition was reported by police as "normal"

# LENNOX AND ADDINGTON

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



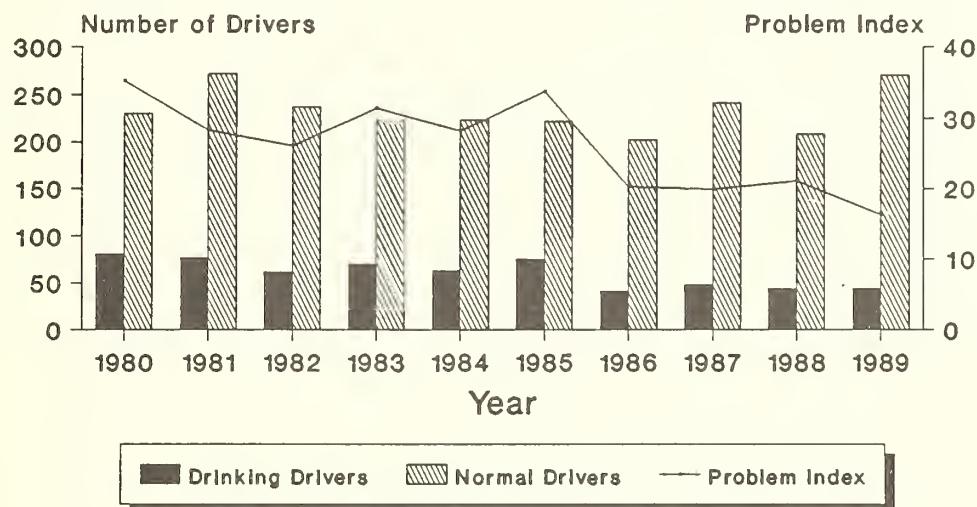
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 23              | 11  | 34  | 107 | 26              | 5   | 31  | 56  | 1     | 2   | 3   | 2   | 50    | 18  | 68  | 165 |
| 1981             | 27              | 14  | 41  | 124 | 14              | 9   | 23  | 64  | 1     | 3   | 4   | 4   | 42    | 26  | 68  | 192 |
| 1982             | 12              | 7   | 19  | 128 | 23              | 9   | 32  | 51  | 0     | 0   | 0   | 5   | 35    | 16  | 51  | 184 |
| 1983             | 20              | 10  | 30  | 126 | 15              | 11  | 26  | 48  | 2     | 1   | 3   | 4   | 37    | 22  | 59  | 176 |
| 1984             | 24              | 9   | 33  | 115 | 14              | 5   | 19  | 36  | 0     | 1   | 1   | 3   | 38    | 15  | 53  | 154 |
| 1985             | 20              | 9   | 29  | 105 | 19              | 13  | 32  | 63  | 0     | 1   | 1   | 0   | 39    | 23  | 62  | 168 |
| 1986             | 11              | 5   | 16  | 95  | 7               | 10  | 17  | 31  | 1     | 1   | 2   | 0   | 19    | 16  | 35  | 126 |
| 1987             | 10              | 6   | 16  | 111 | 11              | 5   | 16  | 47  | 0     | 3   | 3   | 1   | 21    | 14  | 35  | 159 |
| 1988             | 9               | 4   | 13  | 98  | 14              | 5   | 19  | 33  | 1     | 2   | 3   | 3   | 24    | 11  | 35  | 134 |
| 1989             | 4               | 10  | 14  | 113 | 7               | 10  | 17  | 53  | 2     | 3   | 5   | 2   | 13    | 23  | 36  | 168 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 4               | 3   | 7   | 40  | 5               | 1   | 6   | 24  | 0     | 0   | 0   | 1   | 9     | 4   | 13  | 65  |
| 1981             | 1               | 0   | 1   | 46  | 7               | 0   | 7   | 33  | 0     | 1   | 1   | 1   | 8     | 1   | 9   | 80  |
| 1982             | 4               | 1   | 5   | 40  | 3               | 3   | 6   | 13  | 0     | 0   | 0   | 0   | 7     | 4   | 11  | 53  |
| 1983             | 3               | 4   | 7   | 29  | 4               | 0   | 4   | 18  | 0     | 0   | 0   | 0   | 7     | 4   | 11  | 47  |
| 1984             | 6               | 1   | 7   | 45  | 1               | 1   | 2   | 24  | 1     | 0   | 1   | 0   | 8     | 2   | 10  | 69  |
| 1985             | 5               | 4   | 9   | 24  | 2               | 2   | 4   | 30  | 0     | 0   | 0   | 0   | 7     | 6   | 13  | 54  |
| 1986             | 2               | 0   | 2   | 45  | 1               | 3   | 4   | 31  | 0     | 0   | 0   | 0   | 3     | 3   | 6   | 76  |
| 1987             | 4               | 1   | 5   | 58  | 6               | 1   | 7   | 24  | 1     | 0   | 1   | 0   | 11    | 2   | 13  | 82  |
| 1988             | 1               | 0   | 1   | 51  | 4               | 3   | 7   | 23  | 1     | 0   | 1   | 0   | 6     | 3   | 9   | 74  |
| 1989             | 6               | 0   | 6   | 56  | 1               | 1   | 2   | 45  | 0     | 0   | 0   | 1   | 7     | 1   | 8   | 102 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 27              | 14  | 41  | 147 | 31              | 6   | 37  | 80  | 1     | 2   | 3   | 3   | 59    | 22  | 81  | 230 |
| 1981             | 28              | 14  | 42  | 170 | 21              | 9   | 30  | 97  | 1     | 4   | 5   | 5   | 50    | 27  | 77  | 272 |
| 1982             | 16              | 8   | 24  | 168 | 26              | 12  | 38  | 64  | 0     | 0   | 0   | 5   | 42    | 20  | 62  | 237 |
| 1983             | 23              | 14  | 37  | 155 | 19              | 11  | 30  | 64  | 2     | 1   | 3   | 4   | 44    | 26  | 70  | 223 |
| 1984             | 30              | 10  | 40  | 160 | 15              | 6   | 21  | 60  | 1     | 1   | 2   | 3   | 46    | 17  | 63  | 223 |
| 1985             | 25              | 13  | 38  | 129 | 21              | 15  | 36  | 93  | 0     | 1   | 1   | 0   | 46    | 29  | 75  | 222 |
| 1986             | 13              | 5   | 18  | 140 | 8               | 13  | 21  | 62  | 1     | 1   | 2   | 0   | 22    | 19  | 41  | 202 |
| 1987             | 14              | 7   | 21  | 169 | 17              | 6   | 23  | 71  | 1     | 3   | 4   | 1   | 32    | 16  | 48  | 241 |
| 1988             | 10              | 4   | 14  | 149 | 18              | 8   | 26  | 56  | 2     | 2   | 4   | 3   | 30    | 14  | 44  | 208 |
| 1989             | 10              | 10  | 20  | 169 | 8               | 11  | 19  | 98  | 2     | 3   | 5   | 3   | 20    | 24  | 44  | 270 |

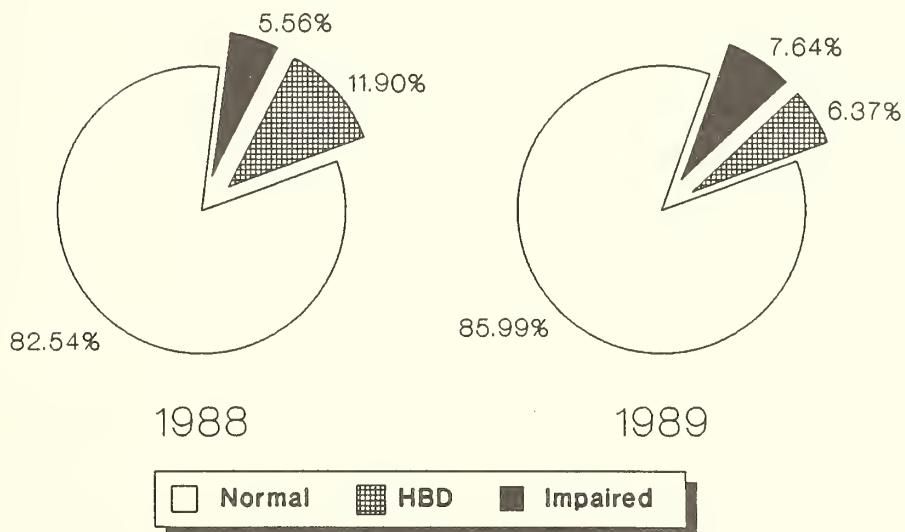
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# MANITOULIN

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



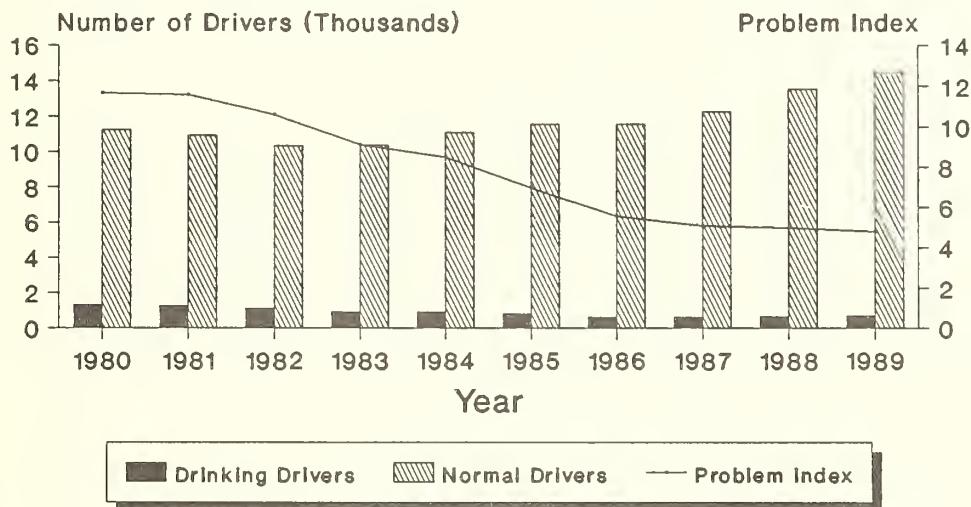
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 468             | 140 | 608 | 5081 | 419             | 123 | 542 | 2795 | 11    | 10  | 21  | 27  | 898   | 273 | 1171 | 7903  |
| 1981             | 436             | 131 | 567 | 4945 | 422             | 112 | 534 | 2699 | 17    | 8   | 25  | 22  | 875   | 251 | 1126 | 7666  |
| 1982             | 367             | 112 | 479 | 4696 | 371             | 92  | 463 | 2515 | 10    | 12  | 22  | 25  | 748   | 216 | 964  | 7236  |
| 1983             | 316             | 101 | 417 | 4517 | 275             | 93  | 368 | 2575 | 6     | 13  | 19  | 32  | 597   | 207 | 804  | 7124  |
| 1984             | 303             | 100 | 403 | 4814 | 297             | 92  | 389 | 2789 | 9     | 10  | 19  | 30  | 609   | 202 | 811  | 7633  |
| 1985             | 237             | 87  | 324 | 4496 | 263             | 95  | 358 | 3304 | 4     | 9   | 13  | 33  | 504   | 191 | 695  | 7833  |
| 1986             | 198             | 72  | 270 | 4374 | 177             | 110 | 287 | 3194 | 5     | 13  | 18  | 28  | 380   | 195 | 575  | 7596  |
| 1987             | 153             | 77  | 230 | 4543 | 190             | 102 | 292 | 3429 | 5     | 6   | 11  | 30  | 348   | 185 | 533  | 8002  |
| 1988             | 174             | 100 | 274 | 5507 | 183             | 119 | 302 | 3352 | 2     | 11  | 13  | 35  | 359   | 230 | 589  | 8894  |
| 1989             | 207             | 114 | 321 | 5921 | 165             | 110 | 275 | 3539 | 4     | 4   | 8   | 33  | 376   | 228 | 604  | 9493  |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 48              | 12  | 60  | 2059 | 67              | 12  | 79  | 1274 | 0     | 1   | 1   | 5   | 115   | 25  | 140  | 3338  |
| 1981             | 52              | 25  | 77  | 2044 | 51              | 8   | 59  | 1222 | 1     | 1   | 2   | 4   | 104   | 34  | 138  | 3270  |
| 1982             | 54              | 20  | 74  | 1956 | 49              | 10  | 59  | 1165 | 0     | 0   | 0   | 6   | 103   | 30  | 133  | 3127  |
| 1983             | 55              | 15  | 70  | 2003 | 55              | 15  | 70  | 1253 | 0     | 2   | 2   | 9   | 110   | 32  | 142  | 3265  |
| 1984             | 50              | 18  | 68  | 2163 | 51              | 10  | 61  | 1317 | 3     | 1   | 4   | 8   | 104   | 29  | 133  | 3488  |
| 1985             | 40              | 20  | 60  | 2099 | 39              | 9   | 48  | 1631 | 0     | 1   | 1   | 7   | 79    | 30  | 109  | 3737  |
| 1986             | 23              | 7   | 30  | 2183 | 28              | 9   | 37  | 1795 | 0     | 0   | 0   | 14  | 51    | 16  | 67   | 3992  |
| 1987             | 30              | 6   | 36  | 2317 | 29              | 20  | 49  | 1927 | 2     | 2   | 4   | 8   | 61    | 28  | 89   | 4252  |
| 1988             | 28              | 14  | 42  | 2731 | 31              | 12  | 43  | 1925 | 2     | 0   | 2   | 12  | 61    | 26  | 87   | 4668  |
| 1989             | 35              | 18  | 53  | 2992 | 22              | 18  | 40  | 2079 | 1     | 1   | 2   | 4   | 58    | 37  | 95   | 5075  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 516             | 152 | 668 | 7140 | 486             | 135 | 621 | 4069 | 11    | 11  | 22  | 32  | 1013  | 298 | 1311 | 11241 |
| 1981             | 488             | 156 | 644 | 6989 | 473             | 120 | 593 | 3921 | 18    | 9   | 27  | 26  | 979   | 285 | 1264 | 10936 |
| 1982             | 421             | 132 | 553 | 6652 | 420             | 102 | 522 | 3680 | 10    | 12  | 22  | 31  | 851   | 246 | 1097 | 10363 |
| 1983             | 371             | 116 | 487 | 6520 | 330             | 108 | 438 | 3828 | 6     | 15  | 21  | 41  | 707   | 239 | 946  | 10389 |
| 1984             | 353             | 118 | 471 | 6977 | 348             | 102 | 450 | 4106 | 12    | 11  | 23  | 38  | 713   | 231 | 944  | 11121 |
| 1985             | 277             | 107 | 384 | 6595 | 302             | 104 | 406 | 4935 | 4     | 10  | 14  | 40  | 583   | 221 | 804  | 11570 |
| 1986             | 221             | 79  | 300 | 6557 | 205             | 119 | 324 | 4989 | 5     | 13  | 18  | 42  | 431   | 211 | 642  | 11588 |
| 1987             | 183             | 83  | 266 | 6860 | 219             | 122 | 341 | 5356 | 7     | 8   | 15  | 38  | 409   | 213 | 622  | 12254 |
| 1988             | 202             | 114 | 316 | 8238 | 214             | 131 | 345 | 5277 | 4     | 11  | 15  | 47  | 420   | 256 | 676  | 13562 |
| 1989             | 242             | 132 | 374 | 8913 | 187             | 128 | 315 | 5618 | 5     | 5   | 10  | 37  | 434   | 265 | 699  | 14568 |

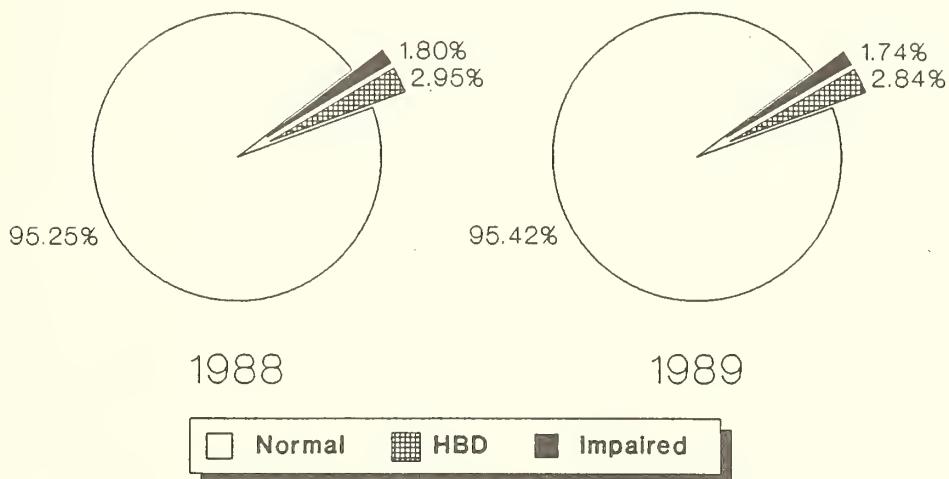
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

## MIDDLESEX

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## MUSKOKA

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 78              | 34  | 112 | 653  | 91              | 31  | 122 | 349 | 4     | 3   | 7   | 20  | 173   | 68  | 241 | 1022 |
| 1981             | 95              | 30  | 125 | 624  | 84              | 21  | 105 | 297 | 0     | 6   | 6   | 12  | 179   | 57  | 236 | 933  |
| 1982             | 73              | 22  | 95  | 644  | 74              | 21  | 95  | 305 | 1     | 2   | 3   | 7   | 148   | 45  | 193 | 956  |
| 1983             | 50              | 32  | 82  | 615  | 72              | 27  | 99  | 314 | 2     | 8   | 10  | 8   | 124   | 67  | 191 | 937  |
| 1984             | 59              | 25  | 84  | 710  | 53              | 22  | 75  | 332 | 8     | 6   | 14  | 10  | 120   | 53  | 173 | 1052 |
| 1985             | 49              | 14  | 63  | 670  | 52              | 22  | 74  | 359 | 5     | 1   | 6   | 14  | 106   | 37  | 143 | 1043 |
| 1986             | 41              | 24  | 65  | 636  | 53              | 21  | 74  | 366 | 3     | 5   | 8   | 11  | 97    | 50  | 147 | 1013 |
| 1987             | 56              | 16  | 72  | 708  | 55              | 25  | 80  | 373 | 2     | 3   | 5   | 19  | 113   | 44  | 157 | 1100 |
| 1988             | 35              | 24  | 59  | 820  | 40              | 22  | 62  | 344 | 0     | 2   | 2   | 15  | 75    | 48  | 123 | 1179 |
| 1989             | 48              | 21  | 69  | 981  | 27              | 27  | 54  | 355 | 1     | 0   | 1   | 6   | 76    | 48  | 124 | 1342 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 7               | 0   | 7   | 215  | 10              | 0   | 10  | 121 | 0     | 1   | 1   | 7   | 17    | 1   | 18  | 343  |
| 1981             | 8               | 4   | 12  | 178  | 9               | 2   | 11  | 88  | 0     | 0   | 0   | 3   | 17    | 6   | 23  | 269  |
| 1982             | 8               | 3   | 11  | 222  | 10              | 4   | 14  | 117 | 0     | 0   | 0   | 0   | 18    | 7   | 25  | 339  |
| 1983             | 7               | 0   | 7   | 212  | 5               | 3   | 8   | 145 | 0     | 0   | 0   | 1   | 12    | 3   | 15  | 358  |
| 1984             | 4               | 1   | 5   | 267  | 8               | 6   | 14  | 128 | 2     | 0   | 2   | 3   | 14    | 7   | 21  | 398  |
| 1985             | 8               | 3   | 11  | 289  | 8               | 1   | 9   | 127 | 0     | 1   | 1   | 7   | 16    | 5   | 21  | 423  |
| 1986             | 3               | 2   | 5   | 249  | 1               | 1   | 2   | 167 | 0     | 1   | 1   | 5   | 4     | 4   | 8   | 421  |
| 1987             | 3               | 0   | 3   | 281  | 9               | 5   | 14  | 182 | 0     | 1   | 1   | 3   | 12    | 6   | 18  | 466  |
| 1988             | 7               | 5   | 12  | 374  | 5               | 0   | 5   | 176 | 0     | 0   | 0   | 4   | 12    | 5   | 17  | 554  |
| 1989             | 6               | 3   | 9   | 428  | 8               | 2   | 10  | 198 | 0     | 0   | 0   | 2   | 14    | 5   | 19  | 628  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 85              | 34  | 119 | 868  | 101             | 31  | 132 | 470 | 4     | 4   | 8   | 27  | 190   | 69  | 259 | 1365 |
| 1981             | 103             | 34  | 137 | 802  | 93              | 23  | 116 | 385 | 0     | 6   | 6   | 15  | 196   | 63  | 259 | 1202 |
| 1982             | 81              | 25  | 106 | 866  | 84              | 25  | 109 | 422 | 1     | 2   | 3   | 7   | 166   | 52  | 218 | 1295 |
| 1983             | 57              | 32  | 89  | 827  | 77              | 30  | 107 | 459 | 2     | 8   | 10  | 9   | 136   | 70  | 206 | 1295 |
| 1984             | 63              | 26  | 89  | 977  | 61              | 28  | 89  | 460 | 10    | 6   | 16  | 13  | 134   | 60  | 194 | 1450 |
| 1985             | 57              | 17  | 74  | 959  | 60              | 23  | 83  | 486 | 5     | 2   | 7   | 21  | 122   | 42  | 164 | 1466 |
| 1986             | 44              | 26  | 70  | 885  | 54              | 22  | 76  | 533 | 3     | 6   | 9   | 16  | 101   | 54  | 155 | 1434 |
| 1987             | 59              | 16  | 75  | 989  | 64              | 30  | 94  | 555 | 2     | 4   | 6   | 22  | 125   | 50  | 175 | 1566 |
| 1988             | 42              | 29  | 71  | 1194 | 45              | 22  | 67  | 520 | 0     | 2   | 2   | 19  | 87    | 53  | 140 | 1733 |
| 1989             | 54              | 24  | 78  | 1409 | 35              | 29  | 64  | 553 | 1     | 0   | 1   | 8   | 90    | 53  | 143 | 1970 |

KEY: HBD -- Drivers reported by police to have been drinking

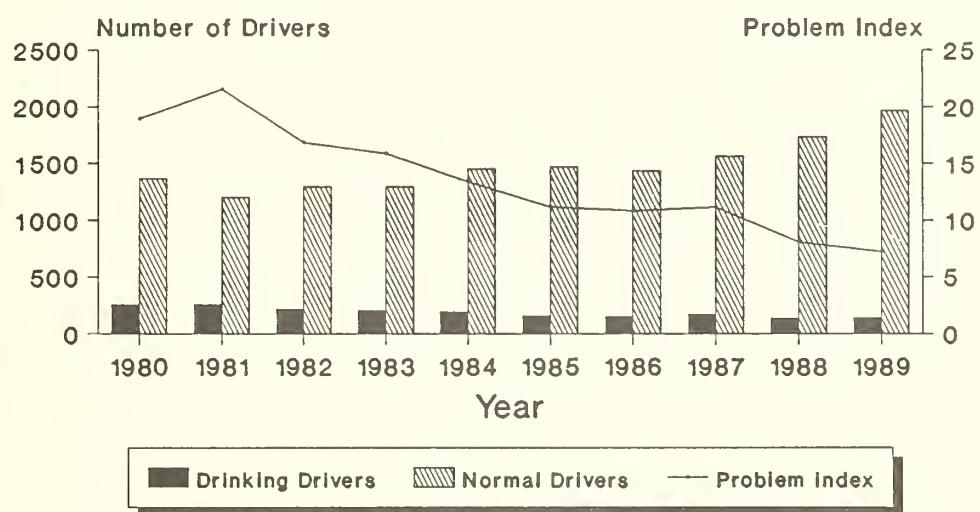
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

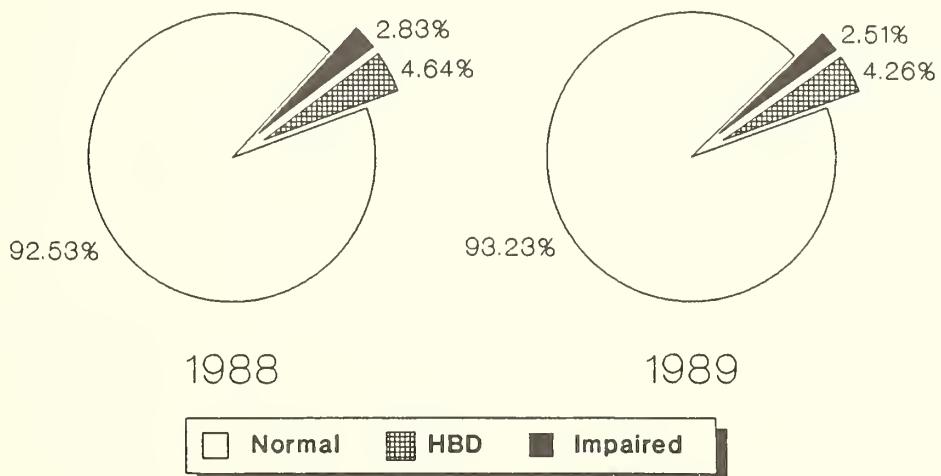
NOR -- Drivers whose condition was reported by police as "normal"

# MUSKOKA

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## NIAGARA REGIONAL MUNICIPALITY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |       | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|-------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR   | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 480             | 232 | 712 | 5771  | 460             | 166 | 626 | 2902 | 9     | 10  | 19  | 35  | 949   | 408 | 1357 | 8708  |
| 1981             | 435             | 256 | 691 | 5837  | 409             | 200 | 609 | 2813 | 10    | 17  | 27  | 30  | 854   | 473 | 1327 | 8680  |
| 1982             | 356             | 194 | 550 | 4837  | 365             | 148 | 513 | 2539 | 6     | 14  | 20  | 36  | 727   | 356 | 1083 | 7412  |
| 1983             | 326             | 192 | 518 | 4905  | 358             | 148 | 506 | 2454 | 8     | 11  | 19  | 31  | 692   | 351 | 1043 | 7390  |
| 1984             | 337             | 177 | 514 | 4969  | 315             | 147 | 462 | 2611 | 13    | 11  | 24  | 31  | 665   | 335 | 1000 | 7611  |
| 1985             | 276             | 144 | 420 | 5115  | 313             | 142 | 455 | 2855 | 9     | 11  | 20  | 31  | 598   | 297 | 895  | 8001  |
| 1986             | 261             | 149 | 410 | 5270  | 292             | 148 | 440 | 3041 | 8     | 14  | 22  | 29  | 561   | 311 | 872  | 8340  |
| 1987             | 290             | 127 | 417 | 5211  | 313             | 168 | 481 | 3175 | 3     | 17  | 20  | 37  | 606   | 312 | 918  | 8423  |
| 1988             | 278             | 157 | 435 | 6014  | 203             | 113 | 316 | 2401 | 1     | 8   | 9   | 17  | 482   | 278 | 760  | 8432  |
| 1989             | 299             | 163 | 462 | 7032  | 217             | 124 | 341 | 2793 | 8     | 9   | 17  | 37  | 524   | 296 | 820  | 9862  |
| <b>Female</b>    |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 49              | 27  | 76  | 2208  | 65              | 20  | 85  | 1208 | 1     | 1   | 2   | 8   | 115   | 48  | 163  | 3424  |
| 1981             | 48              | 24  | 72  | 2389  | 73              | 22  | 95  | 1261 | 2     | 0   | 2   | 9   | 123   | 46  | 169  | 3659  |
| 1982             | 47              | 21  | 68  | 2156  | 52              | 11  | 63  | 1091 | 1     | 1   | 2   | 8   | 100   | 33  | 133  | 3255  |
| 1983             | 55              | 41  | 96  | 2283  | 66              | 13  | 79  | 1148 | 0     | 0   | 0   | 14  | 121   | 54  | 175  | 3445  |
| 1984             | 40              | 25  | 65  | 2262  | 56              | 13  | 69  | 1153 | 1     | 0   | 1   | 8   | 97    | 38  | 135  | 3423  |
| 1985             | 43              | 23  | 66  | 2320  | 47              | 19  | 66  | 1422 | 2     | 1   | 3   | 11  | 92    | 43  | 135  | 3753  |
| 1986             | 39              | 27  | 66  | 2443  | 47              | 10  | 57  | 1540 | 0     | 1   | 1   | 6   | 86    | 38  | 124  | 3989  |
| 1987             | 42              | 23  | 65  | 2564  | 51              | 20  | 71  | 1723 | 0     | 2   | 2   | 15  | 93    | 45  | 138  | 4302  |
| 1988             | 38              | 20  | 58  | 3086  | 43              | 16  | 59  | 1357 | 0     | 1   | 1   | 6   | 81    | 37  | 118  | 4449  |
| 1989             | 37              | 23  | 60  | 3630  | 45              | 22  | 67  | 1634 | 1     | 1   | 2   | 11  | 83    | 46  | 129  | 5275  |
| <b>Total</b>     |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 529             | 259 | 788 | 7979  | 525             | 186 | 711 | 4110 | 10    | 11  | 21  | 43  | 1064  | 456 | 1520 | 12132 |
| 1981             | 483             | 280 | 763 | 8226  | 482             | 222 | 704 | 4074 | 12    | 17  | 29  | 39  | 977   | 519 | 1496 | 12339 |
| 1982             | 403             | 215 | 618 | 6993  | 417             | 159 | 576 | 3630 | 7     | 15  | 22  | 44  | 827   | 389 | 1216 | 10667 |
| 1983             | 381             | 233 | 614 | 7188  | 424             | 161 | 585 | 3602 | 8     | 11  | 19  | 45  | 813   | 405 | 1218 | 10835 |
| 1984             | 377             | 202 | 579 | 7231  | 371             | 160 | 531 | 3764 | 14    | 11  | 25  | 39  | 762   | 373 | 1135 | 11034 |
| 1985             | 319             | 167 | 486 | 7435  | 360             | 161 | 521 | 4277 | 11    | 12  | 23  | 42  | 690   | 340 | 1030 | 11754 |
| 1986             | 300             | 176 | 476 | 7713  | 339             | 158 | 497 | 4581 | 8     | 15  | 23  | 35  | 647   | 349 | 996  | 12329 |
| 1987             | 332             | 150 | 482 | 7775  | 364             | 188 | 552 | 4898 | 3     | 19  | 22  | 52  | 699   | 357 | 1056 | 12725 |
| 1988             | 316             | 177 | 493 | 9100  | 246             | 129 | 375 | 3758 | 1     | 9   | 10  | 23  | 563   | 315 | 878  | 12881 |
| 1989             | 336             | 186 | 522 | 10662 | 262             | 146 | 408 | 4427 | 9     | 10  | 19  | 48  | 607   | 342 | 949  | 15137 |

KEY: HBD -- Drivers reported by police to have been drinking

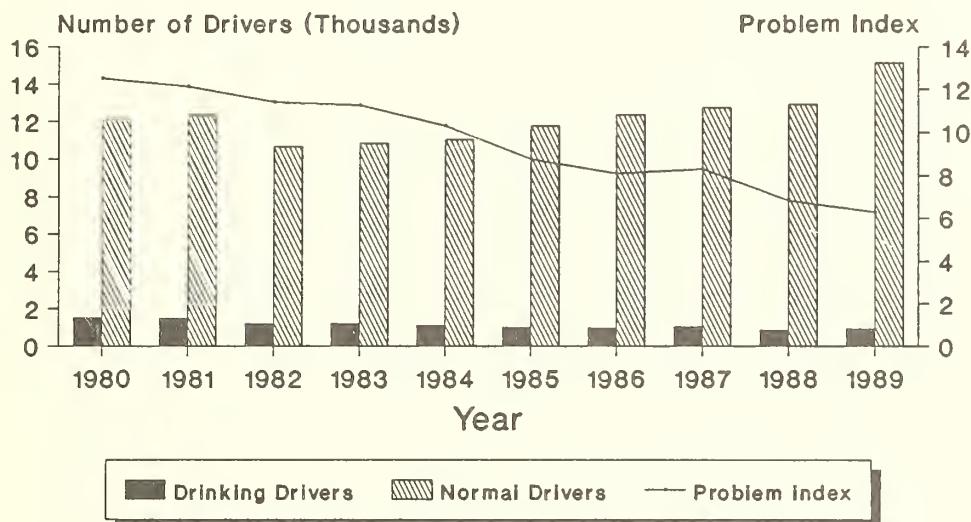
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

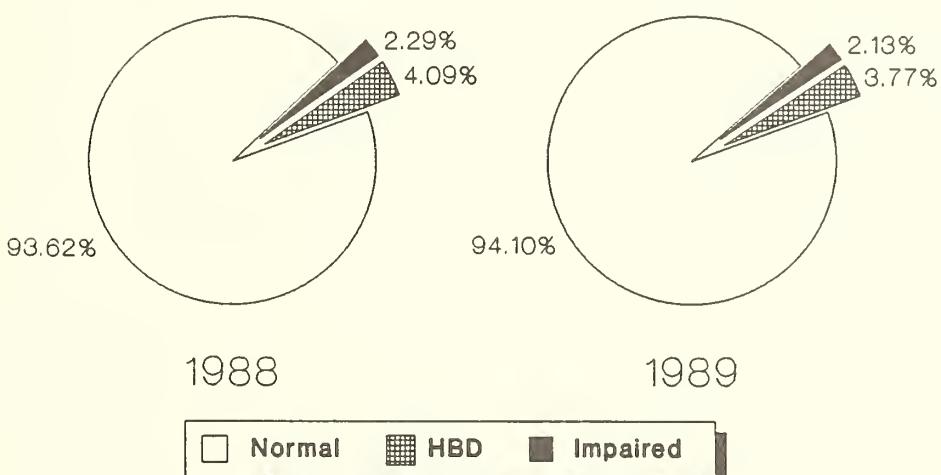
NOR -- Drivers whose condition was reported by police as "normal"

## NIAGARA REGIONAL MUNICIPALITY

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## NIPISSING

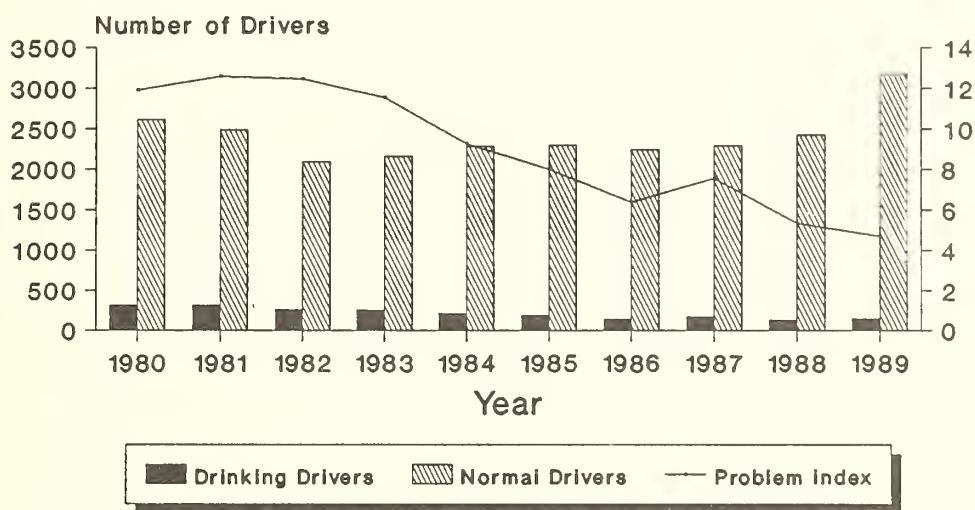
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 100             | 44  | 144 | 1292 | 96              | 42  | 138 | 638  | 4     | 3   | 7   | 15  | 200   | 89  | 289 | 1945 |
| 1981             | 93              | 48  | 141 | 1207 | 88              | 61  | 149 | 641  | 0     | 4   | 4   | 13  | 181   | 113 | 294 | 1861 |
| 1982             | 83              | 32  | 115 | 1036 | 72              | 40  | 112 | 500  | 3     | 4   | 7   | 10  | 158   | 76  | 234 | 1546 |
| 1983             | 79              | 38  | 117 | 1019 | 49              | 41  | 90  | 552  | 4     | 3   | 7   | 22  | 132   | 82  | 214 | 1593 |
| 1984             | 66              | 33  | 99  | 1105 | 57              | 30  | 87  | 547  | 2     | 1   | 3   | 14  | 125   | 64  | 189 | 1666 |
| 1985             | 52              | 25  | 77  | 978  | 52              | 33  | 85  | 655  | 1     | 2   | 3   | 10  | 105   | 60  | 165 | 1643 |
| 1986             | 40              | 14  | 54  | 934  | 41              | 30  | 71  | 618  | 1     | 0   | 1   | 8   | 82    | 44  | 126 | 1560 |
| 1987             | 38              | 27  | 65  | 942  | 39              | 45  | 84  | 622  | 2     | 4   | 6   | 11  | 79    | 76  | 155 | 1575 |
| 1988             | 42              | 23  | 65  | 1026 | 28              | 21  | 49  | 629  | 0     | 3   | 3   | 7   | 70    | 47  | 117 | 1662 |
| 1989             | 40              | 30  | 70  | 1476 | 26              | 34  | 60  | 758  | 2     | 2   | 4   | 18  | 68    | 66  | 134 | 2252 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 7               | 1   | 8   | 412  | 12              | 3   | 15  | 257  | 0     | 0   | 0   | 2   | 19    | 4   | 23  | 671  |
| 1981             | 7               | 1   | 8   | 380  | 9               | 2   | 11  | 242  | 0     | 0   | 0   | 2   | 16    | 3   | 19  | 624  |
| 1982             | 10              | 6   | 16  | 342  | 8               | 2   | 10  | 198  | 0     | 0   | 0   | 2   | 18    | 8   | 26  | 542  |
| 1983             | 9               | 5   | 14  | 345  | 13              | 6   | 19  | 213  | 0     | 1   | 1   | 2   | 22    | 12  | 34  | 560  |
| 1984             | 6               | 5   | 11  | 376  | 4               | 6   | 10  | 238  | 0     | 1   | 1   | 1   | 10    | 12  | 22  | 615  |
| 1985             | 4               | 3   | 7   | 376  | 7               | 4   | 11  | 271  | 0     | 0   | 0   | 3   | 11    | 7   | 18  | 650  |
| 1986             | 5               | 2   | 7   | 401  | 7               | 2   | 9   | 276  | 0     | 0   | 0   | 2   | 12    | 4   | 16  | 679  |
| 1987             | 8               | 2   | 10  | 390  | 7               | 0   | 7   | 314  | 0     | 0   | 0   | 4   | 15    | 2   | 17  | 708  |
| 1988             | 3               | 1   | 4   | 430  | 5               | 3   | 8   | 324  | 0     | 0   | 0   | 4   | 8     | 4   | 12  | 758  |
| 1989             | 1               | 5   | 6   | 554  | 6               | 3   | 9   | 372  | 0     | 0   | 0   | 2   | 7     | 8   | 15  | 928  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 107             | 45  | 152 | 1704 | 108             | 45  | 153 | 895  | 4     | 3   | 7   | 17  | 219   | 93  | 312 | 2616 |
| 1981             | 100             | 49  | 149 | 1587 | 97              | 63  | 160 | 883  | 0     | 4   | 4   | 15  | 197   | 116 | 313 | 2485 |
| 1982             | 93              | 38  | 131 | 1378 | 80              | 42  | 122 | 698  | 3     | 4   | 7   | 12  | 176   | 84  | 260 | 2088 |
| 1983             | 88              | 43  | 131 | 1364 | 62              | 47  | 109 | 765  | 4     | 4   | 8   | 24  | 154   | 94  | 248 | 2153 |
| 1984             | 72              | 38  | 110 | 1481 | 61              | 36  | 97  | 785  | 2     | 2   | 4   | 15  | 135   | 76  | 211 | 2281 |
| 1985             | 56              | 28  | 84  | 1354 | 59              | 37  | 96  | 926  | 1     | 2   | 3   | 13  | 116   | 67  | 183 | 2293 |
| 1986             | 45              | 16  | 61  | 1335 | 48              | 32  | 80  | 894  | 1     | 0   | 1   | 10  | 94    | 48  | 142 | 2239 |
| 1987             | 46              | 29  | 75  | 1332 | 46              | 45  | 91  | 936  | 2     | 4   | 6   | 15  | 94    | 78  | 172 | 2283 |
| 1988             | 45              | 24  | 69  | 1456 | 33              | 24  | 57  | 953  | 0     | 3   | 3   | 11  | 78    | 51  | 129 | 2420 |
| 1989             | 41              | 35  | 76  | 2030 | 32              | 37  | 69  | 1130 | 2     | 2   | 4   | 20  | 75    | 74  | 149 | 3180 |

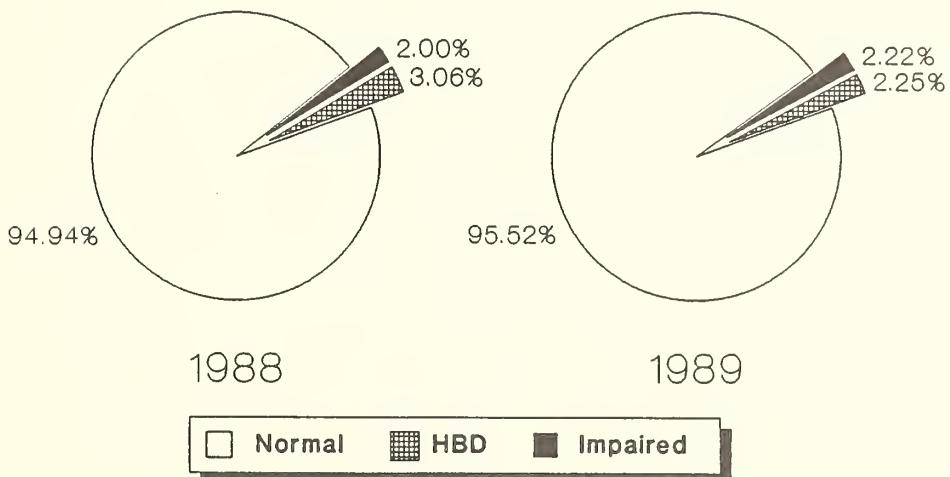
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# NIPISSING

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## NORTHUMBERLAND

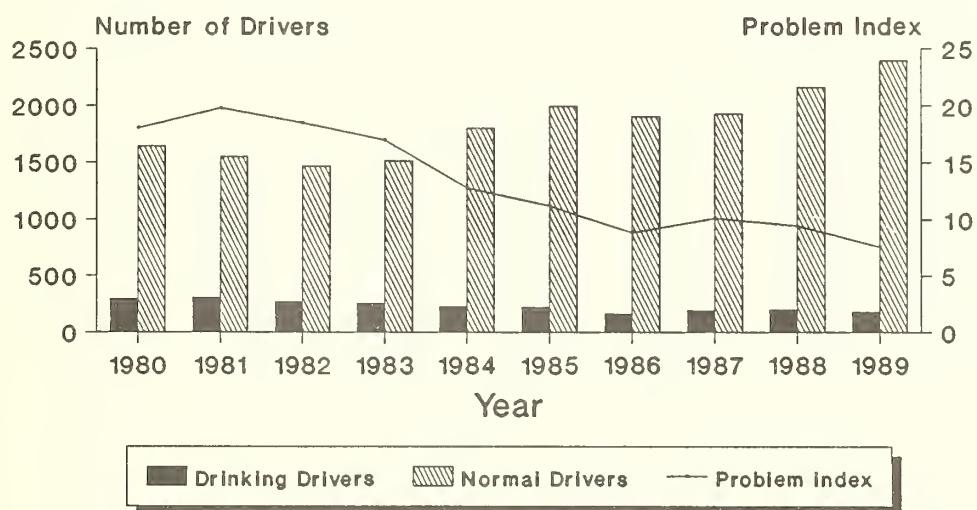
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 76              | 47  | 123 | 710  | 105             | 33  | 138 | 468 | 5     | 3   | 8   | 10  | 186   | 83  | 269 | 1188 |
| 1981             | 89              | 40  | 129 | 660  | 123             | 22  | 145 | 451 | 3     | 5   | 8   | 17  | 215   | 67  | 282 | 1128 |
| 1982             | 83              | 36  | 119 | 675  | 91              | 27  | 118 | 377 | 1     | 8   | 9   | 11  | 175   | 71  | 246 | 1063 |
| 1983             | 68              | 37  | 105 | 653  | 80              | 42  | 122 | 391 | 6     | 4   | 10  | 14  | 154   | 83  | 237 | 1058 |
| 1984             | 69              | 32  | 101 | 805  | 77              | 30  | 107 | 446 | 1     | 4   | 5   | 9   | 147   | 66  | 213 | 1260 |
| 1985             | 59              | 24  | 83  | 802  | 82              | 25  | 107 | 562 | 3     | 7   | 10  | 10  | 144   | 56  | 200 | 1374 |
| 1986             | 35              | 22  | 57  | 763  | 66              | 20  | 86  | 516 | 1     | 5   | 6   | 24  | 102   | 47  | 149 | 1303 |
| 1987             | 47              | 23  | 70  | 782  | 60              | 37  | 97  | 493 | 0     | 7   | 7   | 16  | 107   | 67  | 174 | 1291 |
| 1988             | 54              | 29  | 83  | 937  | 60              | 28  | 88  | 499 | 2     | 4   | 6   | 9   | 116   | 61  | 177 | 1445 |
| 1989             | 55              | 28  | 83  | 1086 | 50              | 25  | 75  | 541 | 4     | 2   | 6   | 19  | 109   | 55  | 164 | 1646 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 10              | 0   | 10  | 282  | 14              | 2   | 16  | 172 | 0     | 2   | 2   | 2   | 24    | 4   | 28  | 456  |
| 1981             | 11              | 3   | 14  | 231  | 10              | 1   | 11  | 192 | 0     | 0   | 0   | 0   | 21    | 4   | 25  | 423  |
| 1982             | 4               | 0   | 4   | 237  | 14              | 7   | 21  | 169 | 0     | 1   | 1   | 0   | 18    | 8   | 26  | 406  |
| 1983             | 5               | 2   | 7   | 258  | 9               | 3   | 12  | 193 | 0     | 1   | 1   | 4   | 14    | 6   | 20  | 455  |
| 1984             | 7               | 0   | 7   | 348  | 7               | 3   | 10  | 193 | 0     | 1   | 1   | 3   | 14    | 4   | 18  | 544  |
| 1985             | 7               | 3   | 10  | 346  | 11              | 1   | 12  | 271 | 0     | 2   | 2   | 5   | 18    | 6   | 24  | 622  |
| 1986             | 6               | 3   | 9   | 343  | 6               | 4   | 10  | 254 | 0     | 0   | 0   | 4   | 12    | 7   | 19  | 601  |
| 1987             | 4               | 3   | 7   | 350  | 10              | 3   | 13  | 282 | 1     | 1   | 2   | 7   | 15    | 7   | 22  | 639  |
| 1988             | 6               | 4   | 10  | 473  | 9               | 8   | 17  | 243 | 0     | 0   | 0   | 2   | 15    | 12  | 27  | 718  |
| 1989             | 4               | 3   | 7   | 475  | 8               | 3   | 11  | 271 | 0     | 0   | 0   | 4   | 12    | 6   | 18  | 750  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 86              | 47  | 133 | 992  | 119             | 35  | 154 | 640 | 5     | 5   | 10  | 12  | 210   | 87  | 297 | 1644 |
| 1981             | 100             | 43  | 143 | 891  | 133             | 23  | 156 | 643 | 3     | 5   | 8   | 17  | 236   | 71  | 307 | 1551 |
| 1982             | 87              | 36  | 123 | 912  | 105             | 34  | 139 | 546 | 1     | 9   | 10  | 11  | 193   | 79  | 272 | 1469 |
| 1983             | 73              | 39  | 112 | 911  | 89              | 45  | 134 | 584 | 6     | 5   | 11  | 18  | 168   | 89  | 257 | 1513 |
| 1984             | 76              | 32  | 108 | 1153 | 84              | 33  | 117 | 639 | 1     | 5   | 6   | 12  | 161   | 70  | 231 | 1804 |
| 1985             | 66              | 27  | 93  | 1148 | 93              | 26  | 119 | 833 | 3     | 9   | 12  | 15  | 162   | 62  | 224 | 1996 |
| 1986             | 41              | 25  | 66  | 1106 | 72              | 24  | 96  | 770 | 1     | 5   | 6   | 28  | 114   | 54  | 168 | 1904 |
| 1987             | 51              | 26  | 77  | 1132 | 70              | 40  | 110 | 775 | 1     | 8   | 9   | 23  | 122   | 74  | 196 | 1930 |
| 1988             | 60              | 33  | 93  | 1410 | 69              | 36  | 105 | 742 | 2     | 4   | 6   | 11  | 131   | 73  | 204 | 2163 |
| 1989             | 59              | 31  | 90  | 1561 | 58              | 28  | 86  | 812 | 4     | 2   | 6   | 23  | 121   | 61  | 182 | 2396 |

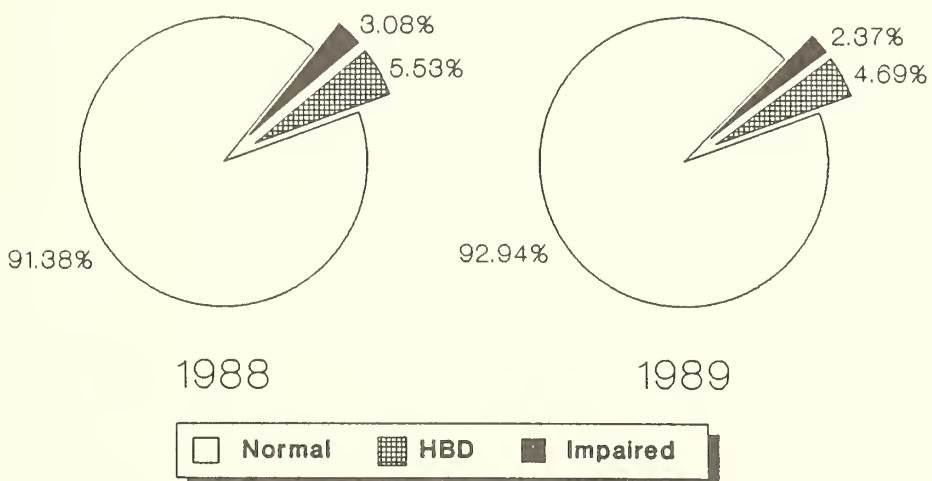
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

## NORTHUMBERLAND

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## OTTAWA-CARLETON REGIONAL MUNICIPALITY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |       | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|-------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR   | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 474             | 317 | 791 | 10622 | 320             | 208 | 528 | 3896 | 10    | 11  | 21  | 39  | 804   | 536 | 1340 | 14557 |
| 1981             | 473             | 269 | 742 | 10671 | 335             | 170 | 505 | 3891 | 7     | 6   | 13  | 39  | 815   | 445 | 1260 | 14601 |
| 1982             | 443             | 237 | 680 | 11223 | 311             | 169 | 480 | 4221 | 3     | 10  | 13  | 27  | 757   | 416 | 1173 | 15471 |
| 1983             | 422             | 239 | 661 | 11950 | 322             | 175 | 497 | 4545 | 8     | 17  | 25  | 40  | 752   | 431 | 1183 | 16535 |
| 1984             | 428             | 245 | 673 | 12800 | 297             | 200 | 497 | 4753 | 14    | 9   | 23  | 57  | 739   | 454 | 1193 | 17610 |
| 1985             | 293             | 211 | 504 | 11173 | 275             | 157 | 432 | 5228 | 7     | 13  | 20  | 36  | 575   | 381 | 956  | 16437 |
| 1986             | 212             | 169 | 381 | 10664 | 219             | 158 | 377 | 4893 | 6     | 11  | 17  | 38  | 437   | 338 | 775  | 15595 |
| 1987             | 238             | 204 | 442 | 11170 | 214             | 154 | 368 | 5404 | 11    | 9   | 20  | 39  | 463   | 367 | 830  | 16613 |
| 1988             | 229             | 183 | 412 | 11155 | 177             | 160 | 337 | 5037 | 2     | 7   | 9   | 49  | 408   | 350 | 758  | 16241 |
| 1989             | 191             | 167 | 358 | 11844 | 155             | 136 | 291 | 5315 | 4     | 4   | 8   | 56  | 350   | 307 | 657  | 17215 |
| <b>Female</b>    |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 42              | 28  | 70  | 3449  | 49              | 16  | 65  | 1402 | 1     | 1   | 2   | 8   | 92    | 45  | 137  | 4859  |
| 1981             | 44              | 26  | 70  | 3471  | 52              | 13  | 65  | 1402 | 0     | 1   | 1   | 6   | 96    | 40  | 136  | 4879  |
| 1982             | 57              | 28  | 85  | 3547  | 56              | 11  | 67  | 1435 | 1     | 1   | 2   | 2   | 114   | 40  | 154  | 4984  |
| 1983             | 50              | 29  | 79  | 3980  | 49              | 19  | 68  | 1713 | 0     | 0   | 0   | 6   | 99    | 48  | 147  | 5699  |
| 1984             | 57              | 38  | 95  | 4407  | 43              | 19  | 62  | 1782 | 2     | 0   | 2   | 8   | 102   | 57  | 159  | 6197  |
| 1985             | 39              | 24  | 63  | 3838  | 34              | 19  | 53  | 2065 | 2     | 0   | 2   | 5   | 75    | 43  | 118  | 5908  |
| 1986             | 33              | 23  | 56  | 3785  | 34              | 14  | 48  | 2057 | 0     | 1   | 1   | 11  | 67    | 38  | 105  | 5853  |
| 1987             | 18              | 29  | 47  | 4054  | 31              | 14  | 45  | 2367 | 0     | 1   | 1   | 13  | 49    | 44  | 93   | 6434  |
| 1988             | 37              | 17  | 54  | 4239  | 28              | 18  | 46  | 2232 | 1     | 2   | 3   | 20  | 66    | 37  | 103  | 6491  |
| 1989             | 28              | 24  | 52  | 4854  | 30              | 15  | 45  | 2357 | 0     | 0   | 0   | 14  | 58    | 39  | 97   | 7225  |
| <b>Total</b>     |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 516             | 345 | 861 | 14071 | 369             | 224 | 593 | 5298 | 11    | 12  | 23  | 47  | 896   | 581 | 1477 | 19416 |
| 1981             | 517             | 295 | 812 | 14142 | 387             | 183 | 570 | 5293 | 7     | 7   | 14  | 45  | 911   | 485 | 1396 | 19480 |
| 1982             | 500             | 265 | 765 | 14770 | 367             | 180 | 547 | 5656 | 4     | 11  | 15  | 29  | 871   | 456 | 1327 | 20455 |
| 1983             | 472             | 268 | 740 | 15930 | 371             | 194 | 565 | 6258 | 8     | 17  | 25  | 46  | 851   | 479 | 1330 | 22234 |
| 1984             | 485             | 283 | 768 | 17207 | 340             | 219 | 559 | 6535 | 16    | 9   | 25  | 65  | 841   | 511 | 1352 | 23807 |
| 1985             | 332             | 235 | 567 | 15011 | 309             | 176 | 485 | 7293 | 9     | 13  | 22  | 41  | 650   | 424 | 1074 | 22345 |
| 1986             | 245             | 192 | 437 | 14449 | 253             | 172 | 425 | 6950 | 6     | 12  | 18  | 49  | 504   | 376 | 880  | 21448 |
| 1987             | 256             | 233 | 489 | 15224 | 245             | 168 | 412 | 7771 | 11    | 10  | 21  | 52  | 512   | 411 | 923  | 23047 |
| 1988             | 266             | 200 | 466 | 15394 | 205             | 178 | 383 | 7269 | 3     | 9   | 12  | 69  | 474   | 387 | 861  | 22732 |
| 1989             | 219             | 191 | 410 | 16698 | 185             | 151 | 336 | 7672 | 4     | 4   | 8   | 70  | 408   | 346 | 754  | 24440 |

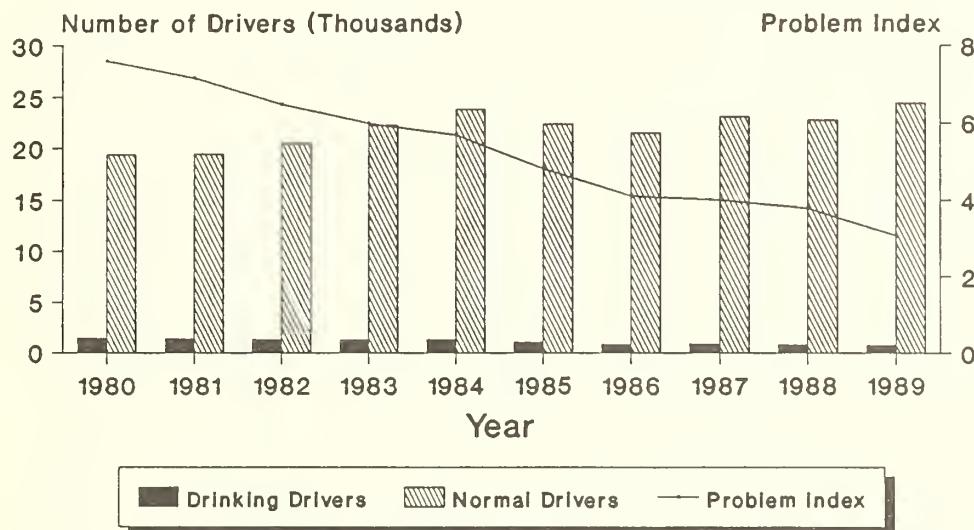
KEY: HBD -- Drivers reported by police to have been drinking

IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

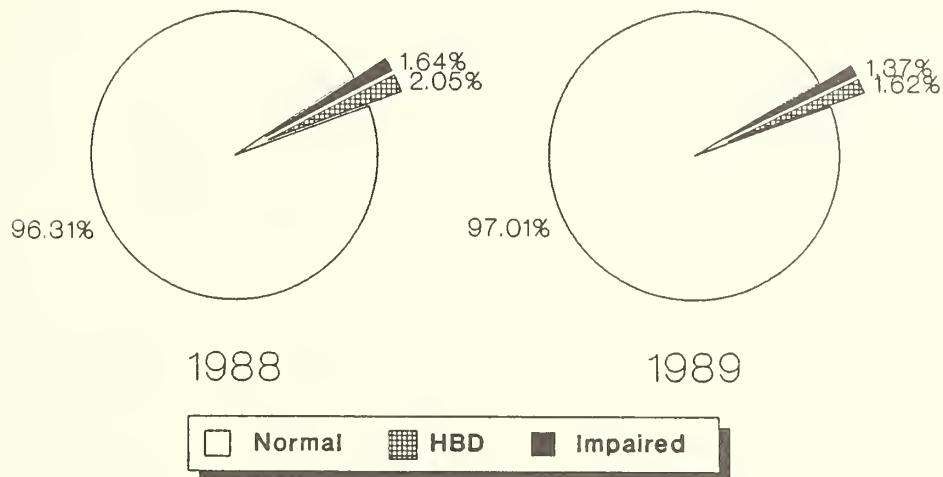
D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

NOR -- Drivers whose condition was reported by police as "normal"

OTTAWA-CARLETON REGIONAL MUNICIPALITY  
 Drinking and Normal Drivers  
 in Traffic Crashes: 1980 - 1989



Condition of Drivers Involved  
 in Traffic Crashes



## OXFORD

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 98              | 57  | 155 | 1120 | 101             | 38  | 139 | 644  | 4     | 11  | 15  | 20  | 203   | 106 | 309 | 1784 |
| 1981             | 92              | 44  | 136 | 1075 | 82              | 29  | 111 | 481  | 5     | 8   | 13  | 19  | 179   | 81  | 260 | 1575 |
| 1982             | 72              | 47  | 119 | 1012 | 81              | 33  | 114 | 572  | 3     | 5   | 8   | 10  | 156   | 85  | 241 | 1594 |
| 1983             | 64              | 39  | 103 | 948  | 76              | 27  | 103 | 542  | 2     | 5   | 7   | 12  | 142   | 71  | 213 | 1502 |
| 1984             | 54              | 37  | 91  | 1084 | 74              | 17  | 91  | 557  | 1     | 1   | 2   | 4   | 129   | 55  | 184 | 1645 |
| 1985             | 47              | 19  | 66  | 1055 | 59              | 19  | 78  | 652  | 2     | 1   | 3   | 16  | 108   | 39  | 147 | 1723 |
| 1986             | 41              | 25  | 66  | 1058 | 39              | 35  | 74  | 671  | 0     | 2   | 2   | 19  | 80    | 62  | 142 | 1748 |
| 1987             | 43              | 23  | 66  | 956  | 56              | 29  | 85  | 680  | 1     | 8   | 9   | 18  | 100   | 60  | 160 | 1654 |
| 1988             | 39              | 31  | 70  | 1320 | 44              | 36  | 80  | 682  | 5     | 2   | 7   | 13  | 88    | 69  | 157 | 2015 |
| 1989             | 36              | 25  | 61  | 1367 | 40              | 22  | 62  | 645  | 2     | 4   | 6   | 15  | 78    | 51  | 129 | 2027 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 6               | 6   | 12  | 398  | 16              | 4   | 20  | 263  | 0     | 1   | 1   | 6   | 22    | 11  | 33  | 667  |
| 1981             | 9               | 5   | 14  | 415  | 17              | 8   | 25  | 204  | 0     | 0   | 0   | 4   | 26    | 13  | 39  | 623  |
| 1982             | 5               | 7   | 12  | 455  | 8               | 1   | 9   | 282  | 0     | 1   | 1   | 2   | 13    | 9   | 22  | 739  |
| 1983             | 9               | 4   | 13  | 394  | 14              | 2   | 16  | 224  | 1     | 0   | 1   | 2   | 24    | 6   | 30  | 620  |
| 1984             | 8               | 2   | 10  | 495  | 5               | 3   | 8   | 260  | 1     | 0   | 1   | 3   | 14    | 5   | 19  | 758  |
| 1985             | 9               | 1   | 10  | 429  | 11              | 1   | 12  | 298  | 0     | 1   | 1   | 0   | 20    | 3   | 23  | 727  |
| 1986             | 5               | 0   | 5   | 464  | 11              | 3   | 14  | 322  | 0     | 0   | 0   | 3   | 16    | 3   | 19  | 789  |
| 1987             | 0               | 2   | 2   | 464  | 11              | 5   | 16  | 361  | 0     | 0   | 0   | 10  | 11    | 7   | 18  | 835  |
| 1988             | 6               | 3   | 9   | 602  | 8               | 6   | 14  | 342  | 0     | 0   | 0   | 2   | 14    | 9   | 23  | 946  |
| 1989             | 5               | 2   | 7   | 686  | 4               | 1   | 5   | 365  | 0     | 0   | 0   | 7   | 9     | 3   | 12  | 1058 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 104             | 63  | 167 | 1518 | 117             | 42  | 159 | 907  | 4     | 12  | 16  | 26  | 225   | 117 | 342 | 2451 |
| 1981             | 101             | 49  | 150 | 1490 | 99              | 37  | 136 | 685  | 5     | 8   | 13  | 23  | 205   | 94  | 299 | 2198 |
| 1982             | 77              | 54  | 131 | 1467 | 89              | 34  | 123 | 854  | 3     | 6   | 9   | 12  | 169   | 94  | 263 | 2333 |
| 1983             | 73              | 43  | 116 | 1342 | 90              | 29  | 119 | 766  | 3     | 5   | 8   | 14  | 166   | 77  | 243 | 2122 |
| 1984             | 62              | 39  | 101 | 1579 | 79              | 20  | 99  | 817  | 2     | 1   | 3   | 7   | 143   | 60  | 203 | 2403 |
| 1985             | 56              | 20  | 76  | 1484 | 70              | 20  | 90  | 950  | 2     | 2   | 4   | 16  | 128   | 42  | 170 | 2450 |
| 1986             | 46              | 25  | 71  | 1522 | 50              | 38  | 88  | 993  | 0     | 2   | 2   | 22  | 96    | 65  | 161 | 2537 |
| 1987             | 43              | 25  | 68  | 1420 | 67              | 34  | 101 | 1041 | 1     | 8   | 9   | 28  | 111   | 67  | 178 | 2489 |
| 1988             | 45              | 34  | 79  | 1922 | 52              | 42  | 94  | 1024 | 5     | 2   | 7   | 15  | 102   | 78  | 180 | 2961 |
| 1989             | 41              | 27  | 68  | 2053 | 44              | 23  | 67  | 1010 | 2     | 4   | 6   | 22  | 87    | 54  | 141 | 3085 |

KEY: HBD -- Drivers reported by police to have been drinking

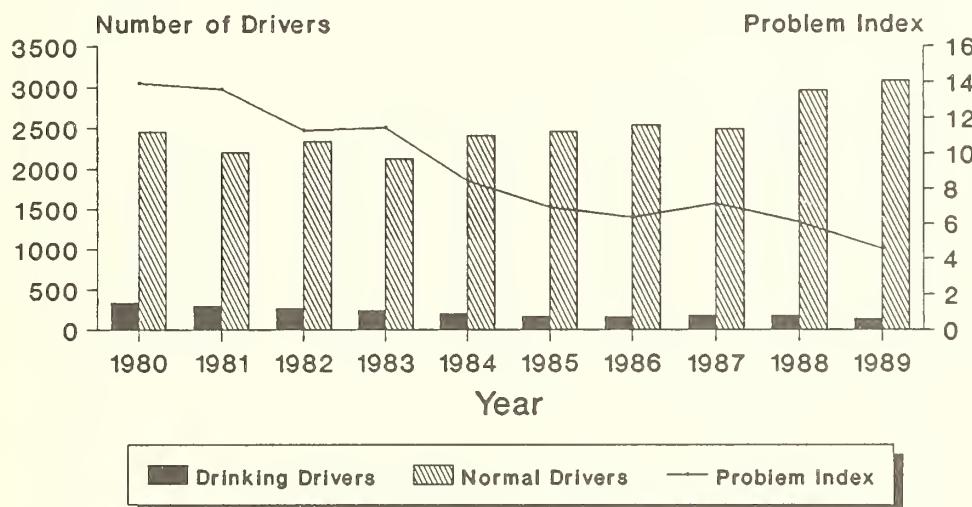
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

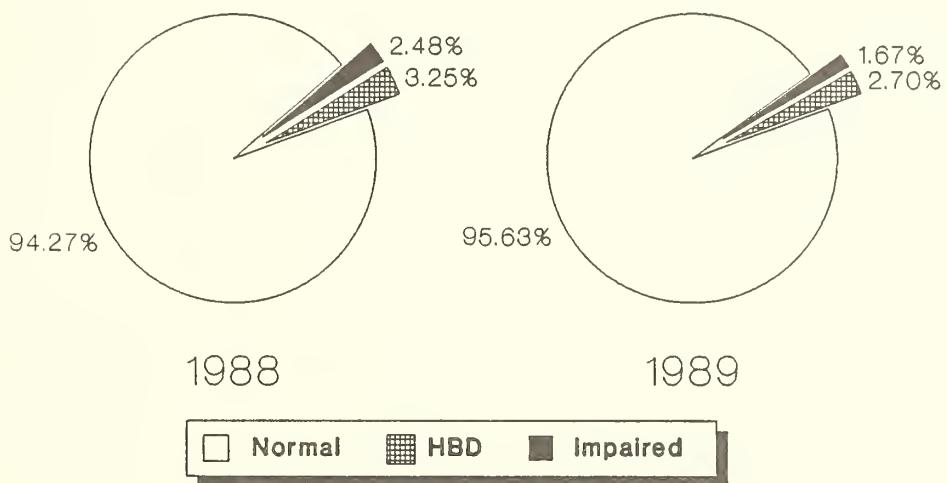
NOR -- Drivers whose condition was reported by police as "normal"

## OXFORD

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## PARRY SOUND

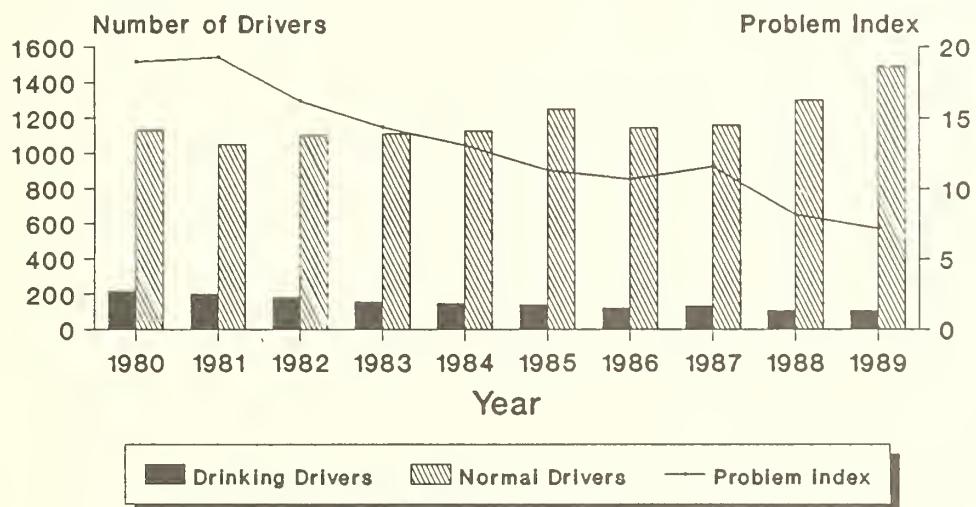
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 60              | 36  | 96  | 549 | 81              | 21  | 102 | 320 | 1     | 5   | 6   | 20  | 142   | 62  | 204 | 889  |
| 1981             | 64              | 31  | 95  | 518 | 61              | 21  | 82  | 276 | 4     | 4   | 8   | 26  | 129   | 56  | 185 | 820  |
| 1982             | 58              | 29  | 87  | 559 | 55              | 16  | 71  | 272 | 4     | 2   | 6   | 14  | 117   | 47  | 164 | 845  |
| 1983             | 53              | 21  | 74  | 506 | 51              | 13  | 64  | 297 | 2     | 2   | 4   | 30  | 106   | 36  | 142 | 833  |
| 1984             | 51              | 11  | 62  | 566 | 55              | 13  | 68  | 286 | 0     | 3   | 3   | 10  | 106   | 27  | 133 | 862  |
| 1985             | 34              | 22  | 56  | 605 | 53              | 16  | 69  | 317 | 1     | 5   | 6   | 15  | 88    | 43  | 131 | 937  |
| 1986             | 29              | 22  | 51  | 529 | 31              | 28  | 59  | 295 | 2     | 3   | 5   | 16  | 62    | 53  | 115 | 840  |
| 1987             | 27              | 20  | 47  | 462 | 46              | 22  | 68  | 366 | 1     | 4   | 5   | 16  | 74    | 46  | 120 | 844  |
| 1988             | 29              | 17  | 46  | 638 | 32              | 16  | 48  | 300 | 2     | 1   | 3   | 7   | 63    | 34  | 97  | 945  |
| 1989             | 31              | 19  | 50  | 721 | 31              | 13  | 44  | 359 | 1     | 1   | 2   | 23  | 63    | 33  | 96  | 1103 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 3               | 3   | 6   | 133 | 5               | 0   | 5   | 109 | 0     | 0   | 0   | 3   | 8     | 3   | 11  | 245  |
| 1981             | 4               | 0   | 4   | 148 | 12              | 2   | 14  | 81  | 0     | 0   | 0   | 4   | 16    | 2   | 18  | 233  |
| 1982             | 5               | 1   | 6   | 167 | 6               | 3   | 9   | 91  | 0     | 0   | 0   | 2   | 11    | 4   | 15  | 260  |
| 1983             | 2               | 5   | 7   | 176 | 9               | 1   | 10  | 94  | 0     | 0   | 0   | 6   | 11    | 6   | 17  | 276  |
| 1984             | 8               | 1   | 9   | 171 | 5               | 0   | 5   | 93  | 0     | 0   | 0   | 0   | 13    | 1   | 14  | 264  |
| 1985             | 3               | 1   | 4   | 203 | 4               | 2   | 6   | 104 | 0     | 0   | 0   | 6   | 7     | 3   | 10  | 313  |
| 1986             | 2               | 2   | 4   | 208 | 2               | 0   | 2   | 90  | 0     | 1   | 1   | 5   | 4     | 3   | 7   | 303  |
| 1987             | 0               | 1   | 1   | 169 | 7               | 5   | 12  | 137 | 0     | 1   | 1   | 7   | 7     | 7   | 14  | 313  |
| 1988             | 2               | 1   | 3   | 219 | 2               | 4   | 6   | 132 | 0     | 0   | 0   | 4   | 4     | 5   | 9   | 355  |
| 1989             | 4               | 2   | 6   | 243 | 3               | 1   | 4   | 136 | 1     | 0   | 1   | 10  | 8     | 3   | 11  | 389  |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 63              | 39  | 102 | 682 | 86              | 21  | 107 | 429 | 1     | 5   | 6   | 23  | 150   | 65  | 215 | 1134 |
| 1981             | 68              | 31  | 99  | 666 | 73              | 23  | 96  | 357 | 4     | 4   | 8   | 30  | 145   | 58  | 203 | 1053 |
| 1982             | 63              | 30  | 93  | 726 | 61              | 19  | 80  | 363 | 4     | 2   | 6   | 16  | 128   | 51  | 179 | 1105 |
| 1983             | 55              | 26  | 81  | 682 | 60              | 14  | 74  | 391 | 2     | 2   | 4   | 36  | 117   | 42  | 159 | 1109 |
| 1984             | 59              | 12  | 71  | 737 | 60              | 13  | 73  | 379 | 0     | 3   | 3   | 10  | 119   | 28  | 147 | 1126 |
| 1985             | 37              | 23  | 60  | 808 | 57              | 18  | 75  | 421 | 1     | 5   | 6   | 21  | 95    | 46  | 141 | 1250 |
| 1986             | 31              | 24  | 55  | 737 | 33              | 28  | 61  | 385 | 2     | 4   | 6   | 21  | 66    | 56  | 122 | 1143 |
| 1987             | 27              | 21  | 48  | 631 | 53              | 27  | 80  | 503 | 1     | 5   | 6   | 23  | 81    | 53  | 134 | 1157 |
| 1988             | 31              | 18  | 49  | 857 | 34              | 20  | 54  | 432 | 2     | 1   | 3   | 11  | 67    | 39  | 106 | 1300 |
| 1989             | 35              | 21  | 56  | 964 | 34              | 14  | 48  | 495 | 2     | 1   | 3   | 33  | 71    | 36  | 107 | 1492 |

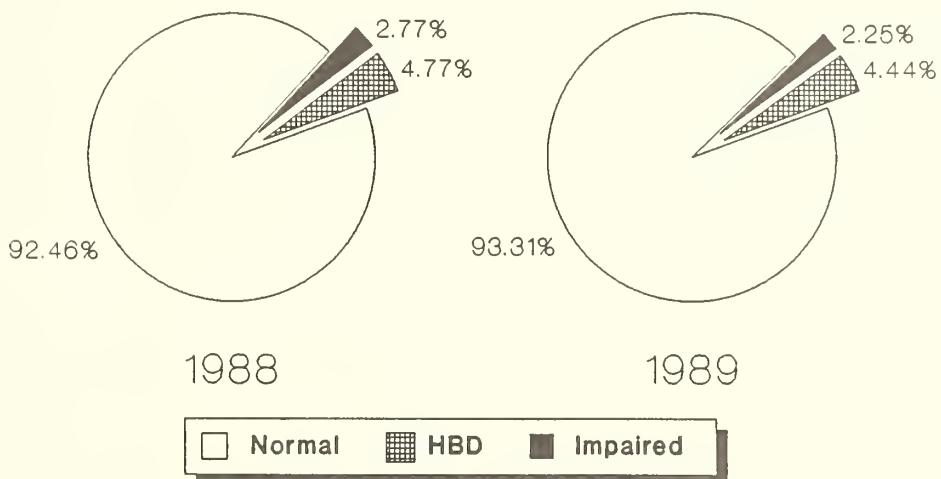
KEY:  
 HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# PARRY SOUND

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |       | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|-------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR   | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 349             | 276 | 625 | 8313  | 321             | 259 | 580 | 3978 | 13    | 15  | 13  | 57  | 683   | 550 | 1218 | 12348 |
| 1981             | 393             | 234 | 627 | 8465  | 364             | 282 | 646 | 4180 | 12    | 13  | 25  | 50  | 769   | 529 | 1298 | 12695 |
| 1982             | 317             | 230 | 547 | 7708  | 295             | 238 | 533 | 3829 | 6     | 19  | 25  | 36  | 618   | 487 | 1105 | 11573 |
| 1983             | 235             | 209 | 444 | 7234  | 279             | 235 | 514 | 3822 | 12    | 15  | 27  | 46  | 526   | 459 | 985  | 11102 |
| 1984             | 255             | 231 | 486 | 8460  | 283             | 225 | 508 | 4634 | 10    | 12  | 22  | 40  | 548   | 468 | 1016 | 13134 |
| 1985             | 235             | 201 | 436 | 8344  | 238             | 248 | 486 | 5173 | 10    | 13  | 23  | 55  | 483   | 462 | 945  | 13572 |
| 1986             | 179             | 169 | 348 | 8274  | 232             | 229 | 461 | 5531 | 5     | 10  | 15  | 47  | 416   | 408 | 824  | 13852 |
| 1987             | 235             | 190 | 425 | 9415  | 220             | 245 | 465 | 6328 | 2     | 18  | 20  | 80  | 457   | 453 | 910  | 15823 |
| 1988             | 248             | 204 | 452 | 10888 | 219             | 204 | 423 | 5673 | 8     | 13  | 21  | 56  | 475   | 421 | 896  | 16617 |
| 1989             | 275             | 251 | 526 | 12815 | 204             | 242 | 446 | 5991 | 7     | 6   | 13  | 50  | 486   | 499 | 985  | 18856 |
| <b>Female</b>    |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 35              | 13  | 48  | 2838  | 39              | 23  | 62  | 1527 | 1     | 1   | 2   | 14  | 75    | 37  | 112  | 4379  |
| 1981             | 37              | 27  | 64  | 3071  | 41              | 32  | 73  | 1653 | 2     | 2   | 4   | 22  | 80    | 61  | 141  | 4746  |
| 1982             | 40              | 20  | 60  | 2894  | 31              | 19  | 50  | 1610 | 1     | 0   | 1   | 12  | 72    | 39  | 111  | 4516  |
| 1983             | 33              | 22  | 55  | 2787  | 43              | 25  | 68  | 1614 | 1     | 2   | 3   | 18  | 77    | 49  | 126  | 4419  |
| 1984             | 31              | 29  | 60  | 3204  | 41              | 33  | 74  | 1937 | 0     | 0   | 0   | 12  | 72    | 62  | 134  | 5153  |
| 1985             | 27              | 25  | 52  | 3190  | 41              | 22  | 63  | 2345 | 0     | 1   | 1   | 16  | 68    | 48  | 116  | 5551  |
| 1986             | 20              | 25  | 45  | 3306  | 36              | 27  | 63  | 2417 | 1     | 1   | 2   | 13  | 57    | 53  | 110  | 5736  |
| 1987             | 29              | 18  | 47  | 3726  | 40              | 23  | 63  | 3005 | 2     | 1   | 3   | 26  | 71    | 42  | 113  | 6757  |
| 1988             | 37              | 20  | 57  | 4412  | 29              | 32  | 61  | 2682 | 1     | 0   | 1   | 16  | 67    | 52  | 119  | 7110  |
| 1989             | 28              | 20  | 48  | 5314  | 29              | 27  | 56  | 2923 | 1     | 1   | 2   | 9   | 58    | 48  | 106  | 8246  |
| <b>Total</b>     |                 |     |     |       |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 384             | 289 | 673 | 11151 | 360             | 282 | 642 | 5505 | 14    | 16  | 30  | 71  | 758   | 587 | 1345 | 16727 |
| 1981             | 430             | 261 | 691 | 11536 | 405             | 314 | 719 | 5833 | 14    | 15  | 29  | 72  | 849   | 590 | 1439 | 17441 |
| 1982             | 357             | 250 | 607 | 10602 | 326             | 257 | 583 | 5439 | 7     | 19  | 26  | 48  | 690   | 526 | 1216 | 16089 |
| 1983             | 268             | 231 | 499 | 10021 | 322             | 260 | 582 | 5436 | 13    | 17  | 30  | 64  | 603   | 508 | 1111 | 15521 |
| 1984             | 286             | 260 | 546 | 11664 | 324             | 258 | 582 | 6571 | 10    | 12  | 22  | 52  | 620   | 530 | 1150 | 18287 |
| 1985             | 262             | 226 | 488 | 11534 | 279             | 270 | 549 | 7518 | 10    | 14  | 24  | 71  | 551   | 510 | 1061 | 19123 |
| 1986             | 199             | 194 | 393 | 11580 | 268             | 256 | 524 | 7948 | 6     | 11  | 17  | 60  | 473   | 461 | 934  | 19588 |
| 1987             | 264             | 208 | 472 | 13141 | 260             | 268 | 528 | 9333 | 4     | 19  | 23  | 106 | 528   | 495 | 1023 | 22580 |
| 1988             | 285             | 224 | 509 | 15300 | 248             | 236 | 484 | 8355 | 9     | 13  | 22  | 72  | 542   | 473 | 1015 | 23727 |
| 1989             | 303             | 271 | 574 | 18129 | 233             | 269 | 502 | 8914 | 8     | 7   | 15  | 59  | 544   | 547 | 1091 | 27102 |

KEY: HBD -- Drivers reported by police to have been drinking

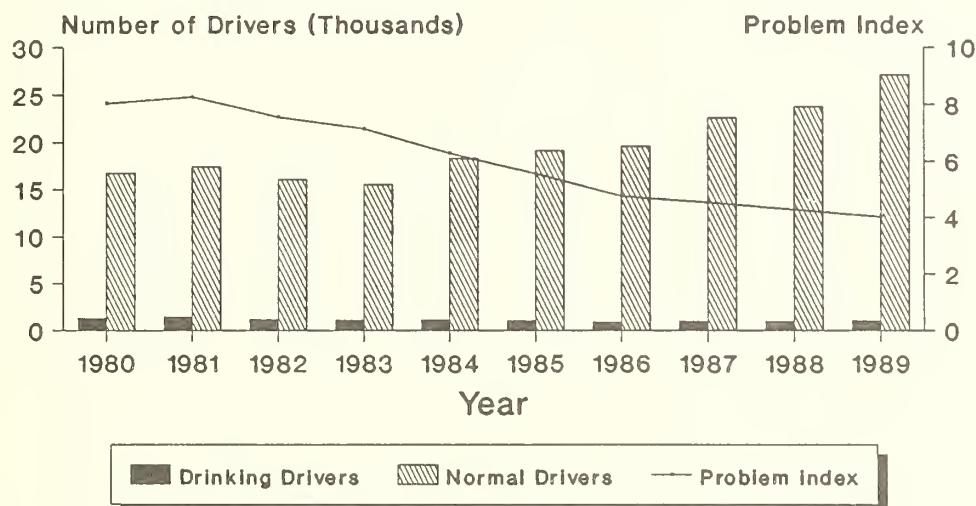
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

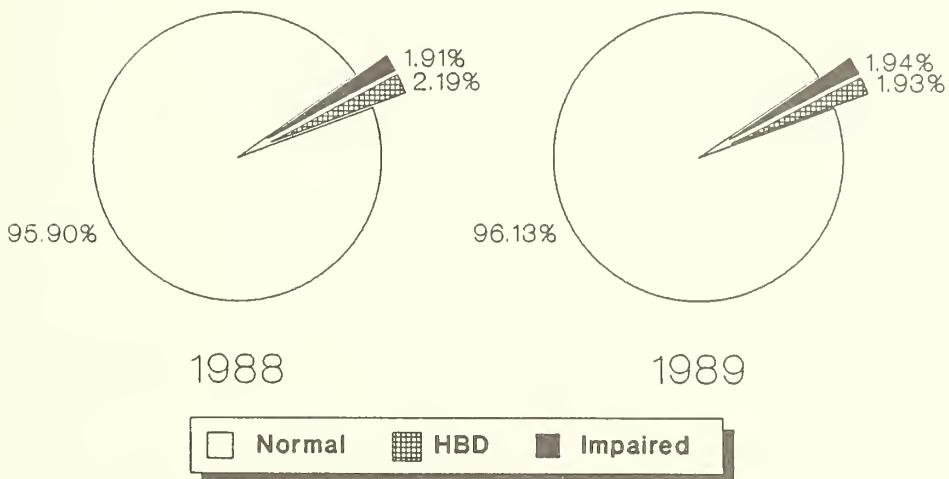
NOR -- Drivers whose condition was reported by police as "normal"

# PEEL

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## PERTH

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 77              | 30  | 107 | 846  | 77              | 21  | 98  | 372 | 2     | 2   | 4   | 12  | 156   | 53  | 209 | 1230 |
| 1981             | 57              | 30  | 87  | 837  | 69              | 27  | 96  | 391 | 2     | 2   | 4   | 13  | 128   | 59  | 187 | 1241 |
| 1982             | 62              | 25  | 87  | 784  | 64              | 24  | 88  | 386 | 1     | 3   | 4   | 7   | 127   | 52  | 179 | 1177 |
| 1983             | 51              | 18  | 69  | 809  | 63              | 24  | 87  | 365 | 4     | 1   | 5   | 6   | 118   | 43  | 161 | 1180 |
| 1984             | 53              | 18  | 71  | 865  | 52              | 20  | 72  | 347 | 2     | 0   | 2   | 7   | 107   | 38  | 145 | 1219 |
| 1985             | 46              | 21  | 67  | 783  | 34              | 14  | 48  | 422 | 0     | 0   | 0   | 10  | 80    | 35  | 115 | 1215 |
| 1986             | 31              | 20  | 51  | 721  | 30              | 14  | 44  | 375 | 1     | 1   | 2   | 19  | 62    | 35  | 97  | 1115 |
| 1987             | 32              | 14  | 46  | 719  | 35              | 12  | 47  | 400 | 2     | 1   | 3   | 8   | 69    | 27  | 96  | 1127 |
| 1988             | 32              | 19  | 51  | 804  | 21              | 16  | 37  | 329 | 1     | 1   | 2   | 8   | 54    | 36  | 90  | 1141 |
| 1989             | 31              | 14  | 45  | 864  | 15              | 13  | 28  | 340 | 1     | 1   | 2   | 6   | 47    | 28  | 75  | 1210 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 5               | 2   | 7   | 291  | 10              | 2   | 12  | 156 | 1     | 1   | 2   | 2   | 16    | 5   | 21  | 449  |
| 1981             | 4               | 3   | 7   | 321  | 4               | 3   | 7   | 174 | 1     | 0   | 1   | 2   | 9     | 6   | 15  | 497  |
| 1982             | 16              | 0   | 16  | 339  | 3               | 1   | 4   | 159 | 1     | 0   | 1   | 1   | 20    | 1   | 21  | 499  |
| 1983             | 7               | 4   | 11  | 404  | 7               | 1   | 8   | 190 | 0     | 1   | 1   | 3   | 14    | 6   | 20  | 597  |
| 1984             | 7               | 6   | 13  | 392  | 4               | 3   | 7   | 183 | 0     | 0   | 0   | 4   | 11    | 9   | 20  | 579  |
| 1985             | 9               | 5   | 14  | 388  | 6               | 2   | 8   | 209 | 0     | 0   | 0   | 5   | 15    | 7   | 22  | 602  |
| 1986             | 3               | 3   | 6   | 341  | 6               | 1   | 7   | 204 | 0     | 0   | 0   | 5   | 9     | 4   | 13  | 550  |
| 1987             | 3               | 0   | 3   | 351  | 5               | 2   | 7   | 231 | 0     | 0   | 0   | 2   | 8     | 2   | 10  | 584  |
| 1988             | 2               | 4   | 6   | 462  | 3               | 2   | 5   | 197 | 0     | 0   | 0   | 2   | 5     | 6   | 11  | 661  |
| 1989             | 4               | 2   | 6   | 492  | 4               | 0   | 4   | 214 | 0     | 0   | 0   | 4   | 8     | 2   | 10  | 710  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 82              | 32  | 114 | 1137 | 87              | 23  | 110 | 528 | 3     | 3   | 6   | 14  | 172   | 58  | 230 | 1679 |
| 1981             | 61              | 33  | 94  | 1158 | 73              | 30  | 103 | 565 | 3     | 2   | 5   | 15  | 137   | 65  | 202 | 1738 |
| 1982             | 78              | 25  | 103 | 1123 | 67              | 25  | 92  | 545 | 2     | 3   | 5   | 8   | 147   | 53  | 200 | 1676 |
| 1983             | 58              | 22  | 80  | 1213 | 70              | 25  | 95  | 555 | 4     | 2   | 6   | 9   | 132   | 49  | 181 | 1777 |
| 1984             | 60              | 24  | 84  | 1257 | 56              | 23  | 79  | 530 | 2     | 0   | 2   | 11  | 118   | 47  | 165 | 1798 |
| 1985             | 55              | 26  | 81  | 1171 | 40              | 16  | 56  | 631 | 0     | 0   | 0   | 15  | 95    | 42  | 137 | 1817 |
| 1986             | 34              | 23  | 57  | 1062 | 36              | 15  | 51  | 579 | 1     | 1   | 2   | 24  | 71    | 39  | 110 | 1665 |
| 1987             | 35              | 14  | 49  | 1070 | 40              | 14  | 54  | 631 | 2     | 1   | 3   | 10  | 77    | 29  | 106 | 1711 |
| 1988             | 34              | 23  | 57  | 1266 | 24              | 18  | 42  | 526 | 1     | 1   | 2   | 10  | 59    | 42  | 101 | 1802 |
| 1989             | 35              | 16  | 51  | 1356 | 19              | 13  | 32  | 554 | 1     | 1   | 2   | 10  | 55    | 30  | 85  | 1920 |

KEY: HBD -- Drivers reported by police to have been drinking

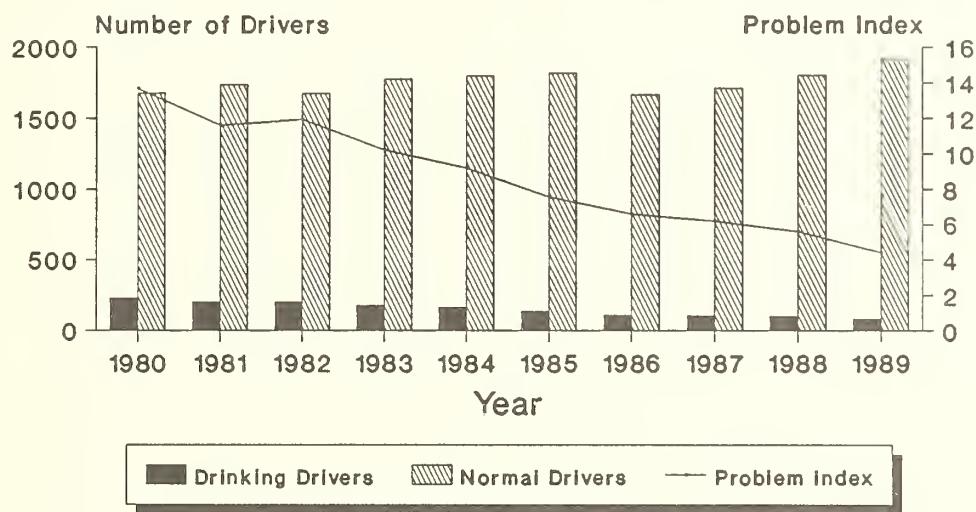
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

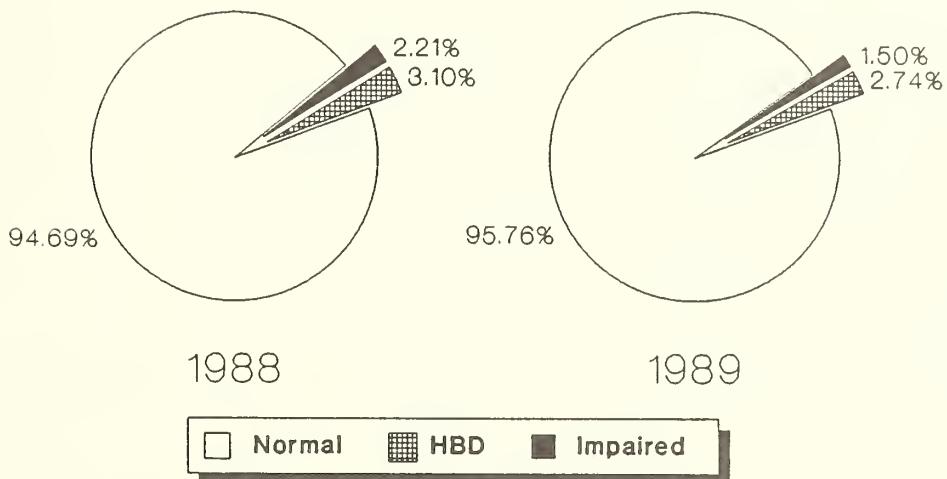
NOR -- Drivers whose condition was reported by police as "normal"

# PERTH

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## PETERBOROUGH

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 165             | 65  | 230 | 1405 | 166             | 71  | 237 | 796  | 5     | 5   | 10  | 13  | 336   | 141 | 477 | 2214 |
| 1981             | 151             | 67  | 218 | 1345 | 139             | 63  | 202 | 752  | 5     | 9   | 14  | 7   | 295   | 139 | 434 | 2104 |
| 1982             | 139             | 58  | 197 | 1350 | 126             | 39  | 165 | 675  | 0     | 3   | 3   | 9   | 265   | 100 | 365 | 2034 |
| 1983             | 88              | 71  | 159 | 1232 | 86              | 81  | 167 | 633  | 2     | 7   | 9   | 8   | 176   | 159 | 335 | 1873 |
| 1984             | 92              | 58  | 150 | 1319 | 100             | 65  | 165 | 808  | 5     | 4   | 9   | 4   | 197   | 127 | 324 | 2131 |
| 1985             | 64              | 71  | 135 | 1153 | 72              | 60  | 132 | 775  | 1     | 0   | 1   | 5   | 137   | 131 | 268 | 1933 |
| 1986             | 35              | 40  | 75  | 1168 | 60              | 65  | 125 | 771  | 1     | 5   | 6   | 8   | 96    | 110 | 206 | 1947 |
| 1987             | 56              | 52  | 108 | 1260 | 60              | 55  | 115 | 862  | 2     | 3   | 5   | 7   | 118   | 110 | 228 | 2129 |
| 1988             | 57              | 65  | 122 | 1400 | 47              | 44  | 91  | 828  | 5     | 4   | 9   | 13  | 109   | 113 | 222 | 2241 |
| 1989             | 56              | 48  | 104 | 1518 | 43              | 47  | 90  | 801  | 0     | 0   | 0   | 13  | 99    | 95  | 194 | 2332 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 14              | 5   | 19  | 542  | 17              | 2   | 19  | 369  | 0     | 1   | 1   | 1   | 31    | 8   | 39  | 912  |
| 1981             | 20              | 4   | 24  | 530  | 21              | 2   | 23  | 347  | 0     | 0   | 0   | 2   | 41    | 6   | 47  | 879  |
| 1982             | 16              | 3   | 19  | 641  | 20              | 1   | 21  | 325  | 0     | 1   | 1   | 1   | 36    | 5   | 41  | 967  |
| 1983             | 13              | 10  | 23  | 583  | 16              | 9   | 25  | 331  | 0     | 0   | 0   | 5   | 29    | 19  | 48  | 919  |
| 1984             | 5               | 6   | 11  | 619  | 12              | 9   | 21  | 403  | 0     | 2   | 2   | 5   | 17    | 17  | 34  | 1027 |
| 1985             | 3               | 5   | 8   | 511  | 8               | 5   | 13  | 375  | 1     | 0   | 1   | 1   | 12    | 10  | 22  | 887  |
| 1986             | 4               | 8   | 12  | 544  | 8               | 4   | 12  | 416  | 1     | 0   | 1   | 2   | 13    | 12  | 25  | 962  |
| 1987             | 9               | 3   | 12  | 623  | 5               | 10  | 15  | 462  | 0     | 0   | 0   | 0   | 14    | 13  | 27  | 1085 |
| 1988             | 11              | 6   | 17  | 732  | 9               | 6   | 15  | 460  | 0     | 0   | 0   | 4   | 20    | 12  | 32  | 1196 |
| 1989             | 15              | 8   | 23  | 828  | 8               | 13  | 21  | 520  | 0     | 0   | 0   | 7   | 23    | 21  | 44  | 1355 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 179             | 70  | 249 | 1947 | 183             | 73  | 256 | 1165 | 5     | 6   | 11  | 14  | 367   | 149 | 516 | 3126 |
| 1981             | 171             | 71  | 242 | 1875 | 160             | 65  | 225 | 1099 | 5     | 9   | 14  | 9   | 336   | 145 | 481 | 2983 |
| 1982             | 155             | 61  | 216 | 1991 | 146             | 40  | 186 | 1000 | 0     | 4   | 4   | 10  | 301   | 105 | 406 | 3001 |
| 1983             | 101             | 81  | 182 | 1815 | 102             | 90  | 192 | 964  | 2     | 7   | 9   | 13  | 205   | 178 | 383 | 2792 |
| 1984             | 97              | 64  | 161 | 1938 | 112             | 74  | 186 | 1211 | 5     | 6   | 11  | 9   | 214   | 144 | 358 | 3158 |
| 1985             | 67              | 76  | 143 | 1664 | 80              | 65  | 145 | 1150 | 2     | 0   | 2   | 6   | 149   | 141 | 290 | 2820 |
| 1986             | 39              | 48  | 87  | 1712 | 68              | 69  | 137 | 1187 | 2     | 5   | 7   | 10  | 109   | 122 | 231 | 2909 |
| 1987             | 65              | 55  | 120 | 1883 | 65              | 65  | 130 | 1324 | 2     | 3   | 5   | 7   | 132   | 123 | 255 | 3214 |
| 1988             | 68              | 71  | 139 | 2132 | 56              | 50  | 106 | 1288 | 5     | 4   | 9   | 17  | 129   | 125 | 254 | 3437 |
| 1989             | 71              | 56  | 127 | 2346 | 51              | 60  | 111 | 1321 | 0     | 0   | 0   | 20  | 122   | 116 | 238 | 3687 |

KEY: HBD -- Drivers reported by police to have been drinking

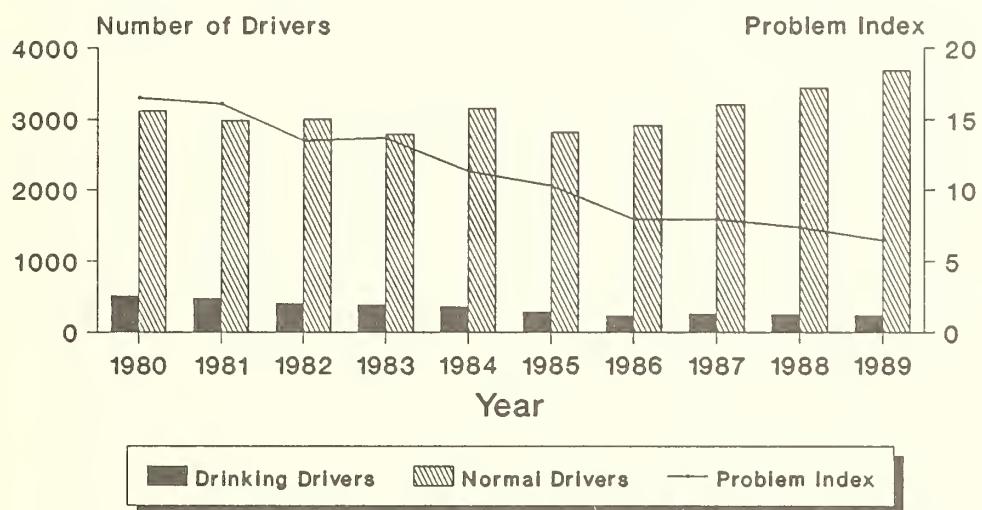
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

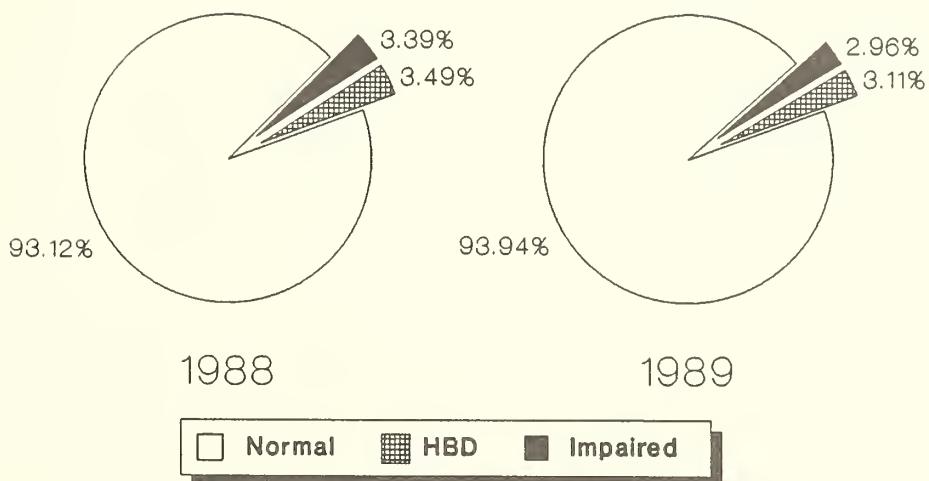
NOR -- Drivers whose condition was reported by police as "normal"

# PETERBOROUGH

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## PRESCOTT

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 49              | 20  | 69  | 508 | 33              | 21  | 54  | 187 | 3     | 3   | 6   | 7   | 85    | 44  | 129 | 702 |
| 1981             | 50              | 24  | 74  | 401 | 37              | 16  | 53  | 160 | 1     | 1   | 2   | 3   | 88    | 41  | 129 | 564 |
| 1982             | 38              | 14  | 52  | 343 | 30              | 22  | 52  | 154 | 0     | 1   | 1   | 4   | 68    | 37  | 105 | 501 |
| 1983             | 35              | 15  | 50  | 379 | 38              | 11  | 49  | 180 | 1     | 0   | 1   | 5   | 74    | 26  | 100 | 564 |
| 1984             | 26              | 7   | 33  | 407 | 32              | 15  | 47  | 170 | 0     | 0   | 0   | 0   | 58    | 22  | 80  | 577 |
| 1985             | 28              | 18  | 46  | 388 | 30              | 9   | 39  | 236 | 1     | 3   | 4   | 7   | 59    | 30  | 89  | 631 |
| 1986             | 22              | 2   | 24  | 399 | 22              | 10  | 32  | 168 | 0     | 1   | 1   | 3   | 44    | 13  | 57  | 570 |
| 1987             | 10              | 14  | 24  | 396 | 20              | 10  | 30  | 211 | 3     | 2   | 5   | 1   | 33    | 26  | 59  | 608 |
| 1988             | 22              | 7   | 29  | 427 | 26              | 7   | 33  | 162 | 2     | 0   | 2   | 2   | 50    | 14  | 64  | 591 |
| 1989             | 18              | 9   | 27  | 454 | 18              | 11  | 29  | 204 | 0     | 1   | 1   | 4   | 36    | 21  | 57  | 662 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 4               | 0   | 4   | 141 | 4               | 2   | 6   | 79  | 0     | 0   | 0   | 0   | 8     | 2   | 10  | 220 |
| 1981             | 2               | 1   | 3   | 120 | 5               | 0   | 5   | 58  | 0     | 0   | 0   | 1   | 7     | 1   | 8   | 179 |
| 1982             | 1               | 0   | 1   | 87  | 3               | 1   | 4   | 59  | 0     | 0   | 0   | 0   | 4     | 1   | 5   | 146 |
| 1983             | 1               | 1   | 2   | 127 | 2               | 0   | 2   | 75  | 1     | 0   | 1   | 1   | 4     | 1   | 5   | 203 |
| 1984             | 3               | 0   | 3   | 115 | 3               | 2   | 5   | 61  | 0     | 1   | 1   | 0   | 6     | 3   | 9   | 176 |
| 1985             | 2               | 0   | 2   | 128 | 3               | 0   | 3   | 92  | 1     | 0   | 1   | 0   | 6     | 0   | 6   | 220 |
| 1986             | 3               | 0   | 3   | 127 | 3               | 3   | 6   | 87  | 0     | 0   | 0   | 3   | 6     | 3   | 9   | 217 |
| 1987             | 0               | 0   | 0   | 142 | 4               | 0   | 4   | 77  | 0     | 1   | 1   | 1   | 4     | 1   | 5   | 220 |
| 1988             | 0               | 0   | 0   | 182 | 1               | 0   | 1   | 85  | 0     | 0   | 0   | 0   | 1     | 0   | 1   | 267 |
| 1989             | 1               | 0   | 1   | 219 | 4               | 0   | 4   | 109 | 0     | 0   | 0   | 0   | 5     | 0   | 5   | 328 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 53              | 20  | 73  | 649 | 37              | 23  | 60  | 266 | 3     | 3   | 6   | 7   | 93    | 46  | 139 | 922 |
| 1981             | 52              | 25  | 77  | 521 | 42              | 16  | 58  | 218 | 1     | 1   | 2   | 4   | 95    | 42  | 137 | 743 |
| 1982             | 39              | 14  | 53  | 430 | 33              | 23  | 56  | 213 | 0     | 1   | 1   | 4   | 72    | 38  | 110 | 647 |
| 1983             | 36              | 16  | 52  | 506 | 40              | 11  | 51  | 255 | 2     | 0   | 2   | 6   | 78    | 27  | 105 | 767 |
| 1984             | 29              | 7   | 36  | 522 | 35              | 17  | 52  | 231 | 0     | 1   | 1   | 0   | 64    | 25  | 89  | 753 |
| 1985             | 30              | 18  | 48  | 516 | 33              | 9   | 42  | 328 | 2     | 3   | 5   | 7   | 65    | 30  | 95  | 851 |
| 1986             | 25              | 2   | 27  | 526 | 25              | 13  | 38  | 255 | 0     | 1   | 1   | 6   | 50    | 16  | 66  | 787 |
| 1987             | 10              | 14  | 24  | 538 | 24              | 10  | 34  | 288 | 3     | 3   | 6   | 2   | 37    | 27  | 64  | 828 |
| 1988             | 22              | 7   | 29  | 609 | 27              | 7   | 34  | 247 | 2     | 0   | 2   | 2   | 51    | 14  | 65  | 858 |
| 1989             | 19              | 9   | 28  | 673 | 22              | 11  | 33  | 313 | 0     | 1   | 1   | 4   | 41    | 21  | 62  | 990 |

KEY: HBD -- Drivers reported by police to have been drinking

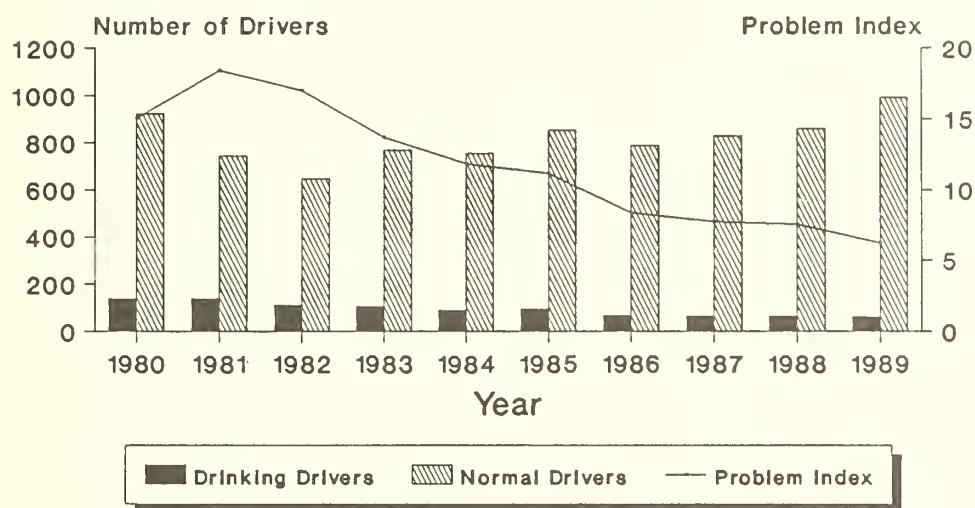
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

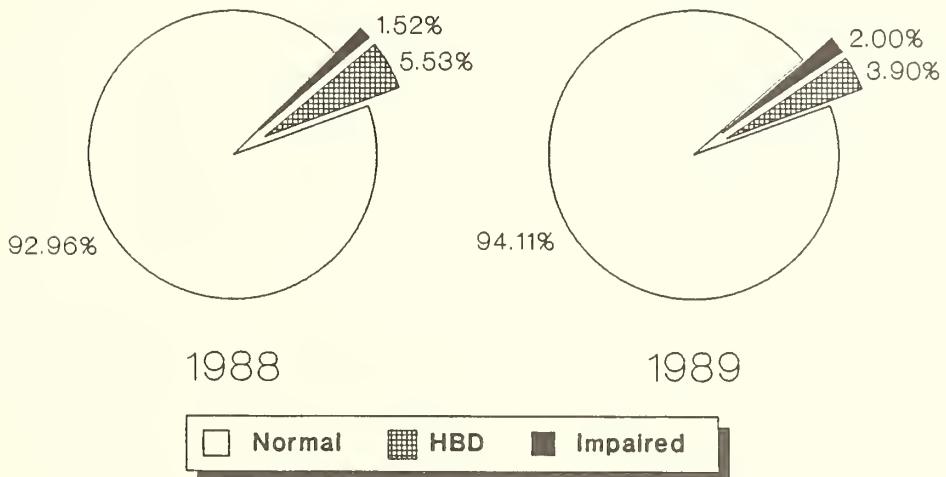
NOR -- Drivers whose condition was reported by police as "normal"

# PRESCOTT

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## PRINCE EDWARD

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 27              | 16  | 43  | 199 | 22              | 14  | 36  | 83  | 3     | 3   | 6   | 1   | 52    | 33  | 85  | 283 |
| 1981             | 27              | 21  | 48  | 186 | 23              | 7   | 30  | 80  | 0     | 2   | 2   | 5   | 50    | 30  | 80  | 271 |
| 1982             | 30              | 13  | 43  | 186 | 29              | 14  | 43  | 96  | 1     | 3   | 4   | 2   | 60    | 30  | 90  | 284 |
| 1983             | 20              | 14  | 34  | 182 | 25              | 11  | 36  | 74  | 0     | 1   | 1   | 1   | 45    | 26  | 71  | 257 |
| 1984             | 28              | 12  | 40  | 217 | 25              | 10  | 35  | 89  | 1     | 0   | 1   | 4   | 54    | 22  | 76  | 310 |
| 1985             | 19              | 12  | 31  | 236 | 29              | 11  | 40  | 131 | 0     | 2   | 2   | 1   | 48    | 25  | 73  | 368 |
| 1986             | 8               | 9   | 17  | 196 | 13              | 10  | 23  | 98  | 1     | 2   | 3   | 2   | 22    | 21  | 43  | 296 |
| 1987             | 18              | 6   | 24  | 180 | 15              | 10  | 25  | 98  | 0     | 1   | 1   | 1   | 33    | 17  | 50  | 279 |
| 1988             | 13              | 7   | 20  | 180 | 16              | 12  | 28  | 85  | 0     | 0   | 0   | 6   | 29    | 19  | 48  | 271 |
| 1989             | 15              | 10  | 25  | 221 | 11              | 6   | 17  | 100 | 2     | 0   | 2   | 4   | 28    | 16  | 44  | 325 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 3               | 3   | 6   | 68  | 7               | 0   | 7   | 41  | 0     | 0   | 0   | 0   | 10    | 3   | 13  | 109 |
| 1981             | 2               | 3   | 5   | 80  | 3               | 1   | 4   | 34  | 0     | 0   | 0   | 1   | 5     | 4   | 9   | 115 |
| 1982             | 4               | 1   | 5   | 79  | 3               | 0   | 3   | 38  | 0     | 0   | 0   | 1   | 7     | 1   | 8   | 118 |
| 1983             | 3               | 2   | 5   | 84  | 5               | 0   | 5   | 41  | 0     | 0   | 0   | 1   | 8     | 2   | 10  | 126 |
| 1984             | 1               | 0   | 1   | 92  | 3               | 1   | 4   | 31  | 0     | 0   | 0   | 1   | 4     | 1   | 5   | 124 |
| 1985             | 1               | 1   | 2   | 98  | 1               | 1   | 2   | 57  | 0     | 0   | 0   | 0   | 2     | 2   | 4   | 155 |
| 1986             | 2               | 2   | 4   | 105 | 5               | 1   | 6   | 47  | 0     | 0   | 0   | 0   | 7     | 3   | 10  | 152 |
| 1987             | 0               | 1   | 1   | 90  | 4               | 0   | 4   | 51  | 0     | 1   | 1   | 2   | 4     | 2   | 6   | 143 |
| 1988             | 0               | 0   | 0   | 79  | 2               | 1   | 3   | 55  | 0     | 0   | 0   | 3   | 2     | 1   | 3   | 137 |
| 1989             | 1               | 1   | 2   | 138 | 1               | 1   | 2   | 56  | 0     | 0   | 0   | 0   | 2     | 2   | 4   | 194 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 30              | 19  | 49  | 267 | 29              | 14  | 43  | 124 | 3     | 3   | 6   | 1   | 62    | 36  | 98  | 392 |
| 1981             | 29              | 24  | 53  | 266 | 26              | 8   | 34  | 114 | 0     | 2   | 2   | 6   | 55    | 34  | 89  | 386 |
| 1982             | 34              | 14  | 48  | 265 | 32              | 14  | 46  | 134 | 1     | 3   | 4   | 3   | 67    | 31  | 98  | 402 |
| 1983             | 23              | 16  | 39  | 266 | 30              | 11  | 41  | 115 | 0     | 1   | 1   | 2   | 53    | 28  | 81  | 383 |
| 1984             | 29              | 12  | 41  | 309 | 28              | 11  | 39  | 120 | 1     | 0   | 1   | 5   | 58    | 23  | 81  | 434 |
| 1985             | 20              | 13  | 33  | 334 | 30              | 12  | 42  | 188 | 0     | 2   | 2   | 1   | 50    | 27  | 77  | 523 |
| 1986             | 10              | 11  | 21  | 301 | 18              | 11  | 29  | 145 | 1     | 2   | 3   | 2   | 29    | 24  | 53  | 448 |
| 1987             | 18              | 7   | 25  | 270 | 19              | 10  | 29  | 149 | 0     | 2   | 2   | 3   | 37    | 19  | 56  | 422 |
| 1988             | 13              | 7   | 20  | 259 | 18              | 13  | 31  | 140 | 0     | 0   | 0   | 9   | 31    | 20  | 51  | 408 |
| 1989             | 16              | 11  | 27  | 359 | 12              | 7   | 19  | 156 | 2     | 0   | 2   | 4   | 30    | 18  | 48  | 519 |

KEY: HBD -- Drivers reported by police to have been drinking

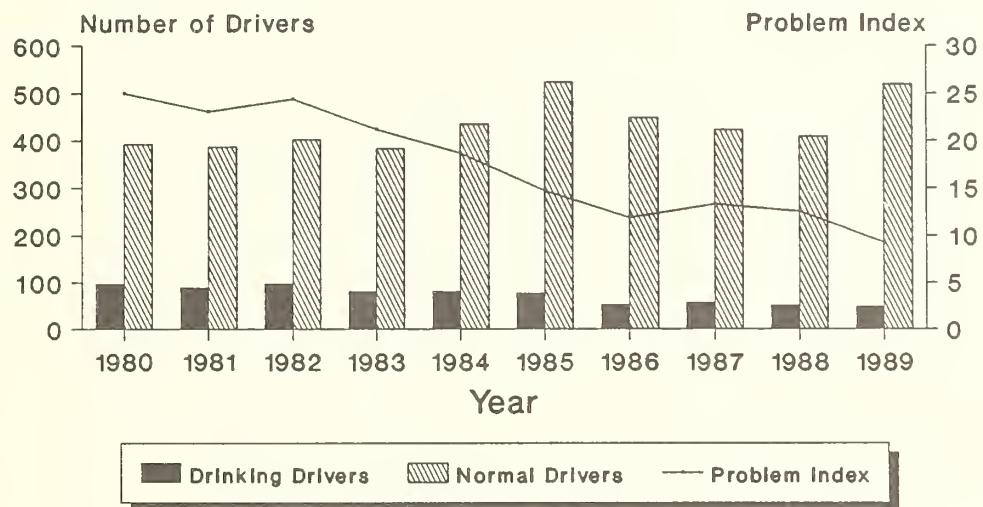
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

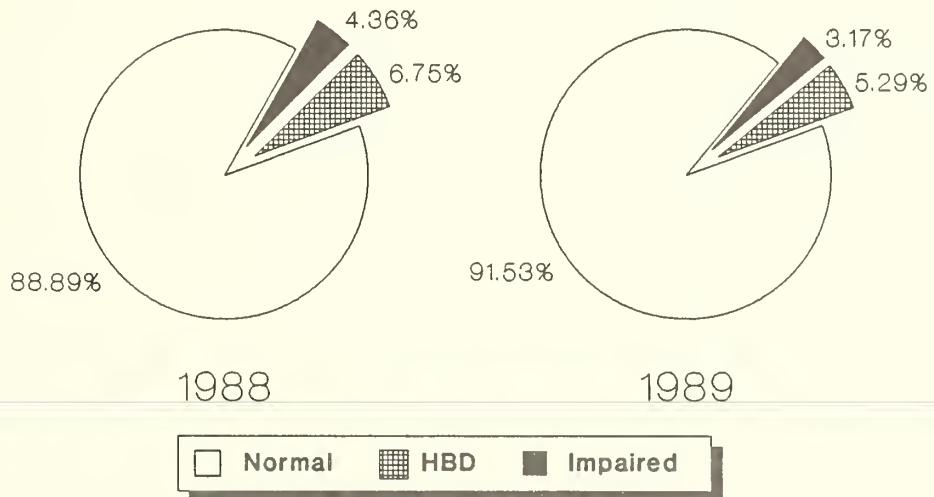
NOR -- Drivers whose condition was reported by police as "normal"

# PRINCE EDWARD

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## RAINY RIVER

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 44              | 19  | 63  | 398 | 32              | 10  | 42  | 135 | 2     | 2   | 4   | 4   | 78    | 31  | 109 | 537 |
| 1981             | 35              | 17  | 52  | 382 | 27              | 16  | 43  | 108 | 1     | 1   | 2   | 0   | 63    | 34  | 97  | 490 |
| 1982             | 35              | 25  | 60  | 374 | 17              | 12  | 29  | 105 | 1     | 2   | 3   | 2   | 53    | 39  | 92  | 481 |
| 1983             | 31              | 18  | 49  | 344 | 25              | 10  | 35  | 128 | 1     | 2   | 3   | 4   | 57    | 30  | 87  | 476 |
| 1984             | 30              | 14  | 44  | 314 | 24              | 8   | 32  | 121 | 2     | 1   | 3   | 4   | 56    | 23  | 79  | 439 |
| 1985             | 24              | 6   | 30  | 339 | 19              | 13  | 32  | 127 | 0     | 1   | 1   | 0   | 43    | 20  | 63  | 466 |
| 1986             | 17              | 9   | 26  | 290 | 21              | 7   | 28  | 100 | 0     | 1   | 1   | 1   | 38    | 17  | 55  | 391 |
| 1987             | 21              | 9   | 30  | 257 | 18              | 8   | 26  | 99  | 2     | 2   | 4   | 3   | 41    | 19  | 60  | 359 |
| 1988             | 13              | 4   | 17  | 329 | 13              | 4   | 17  | 95  | 1     | 0   | 1   | 0   | 27    | 8   | 35  | 424 |
| 1989             | 9               | 6   | 15  | 374 | 9               | 4   | 13  | 99  | 2     | 0   | 2   | 4   | 20    | 10  | 30  | 477 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 1               | 3   | 4   | 129 | 3               | 0   | 3   | 56  | 1     | 0   | 1   | 1   | 5     | 3   | 8   | 186 |
| 1981             | 7               | 2   | 9   | 124 | 5               | 3   | 8   | 48  | 0     | 0   | 0   | 0   | 12    | 5   | 17  | 172 |
| 1982             | 1               | 2   | 3   | 119 | 2               | 2   | 4   | 31  | 1     | 0   | 1   | 0   | 4     | 4   | 8   | 150 |
| 1983             | 3               | 2   | 5   | 109 | 6               | 1   | 7   | 54  | 0     | 0   | 0   | 2   | 9     | 3   | 12  | 165 |
| 1984             | 2               | 2   | 4   | 150 | 5               | 2   | 7   | 50  | 0     | 1   | 1   | 0   | 7     | 5   | 12  | 200 |
| 1985             | 3               | 2   | 5   | 99  | 3               | 3   | 6   | 54  | 0     | 1   | 1   | 0   | 6     | 6   | 12  | 153 |
| 1986             | 2               | 0   | 2   | 106 | 1               | 0   | 1   | 63  | 0     | 0   | 0   | 1   | 3     | 0   | 3   | 170 |
| 1987             | 2               | 3   | 5   | 93  | 5               | 2   | 7   | 58  | 1     | 0   | 1   | 0   | 8     | 5   | 13  | 151 |
| 1988             | 1               | 2   | 3   | 131 | 3               | 2   | 5   | 57  | 0     | 0   | 0   | 0   | 4     | 4   | 8   | 188 |
| 1989             | 4               | 2   | 6   | 154 | 2               | 2   | 4   | 57  | 0     | 0   | 0   | 3   | 6     | 4   | 10  | 214 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 45              | 22  | 67  | 527 | 35              | 10  | 45  | 191 | 3     | 2   | 5   | 5   | 83    | 34  | 117 | 723 |
| 1981             | 42              | 19  | 61  | 506 | 32              | 19  | 51  | 156 | 1     | 1   | 2   | 0   | 75    | 39  | 114 | 662 |
| 1982             | 36              | 27  | 63  | 493 | 19              | 14  | 33  | 136 | 2     | 2   | 4   | 2   | 57    | 43  | 100 | 631 |
| 1983             | 34              | 20  | 54  | 453 | 31              | 11  | 42  | 182 | 1     | 2   | 3   | 6   | 66    | 33  | 99  | 641 |
| 1984             | 32              | 16  | 48  | 464 | 29              | 10  | 39  | 171 | 2     | 2   | 4   | 4   | 63    | 28  | 91  | 639 |
| 1985             | 27              | 8   | 35  | 438 | 22              | 16  | 38  | 181 | 0     | 2   | 2   | 0   | 49    | 26  | 75  | 619 |
| 1986             | 19              | 9   | 28  | 396 | 22              | 7   | 29  | 163 | 0     | 1   | 1   | 2   | 41    | 17  | 58  | 561 |
| 1987             | 23              | 12  | 35  | 350 | 23              | 10  | 33  | 157 | 3     | 2   | 5   | 3   | 49    | 24  | 73  | 510 |
| 1988             | 14              | 6   | 20  | 460 | 16              | 6   | 22  | 152 | 1     | 0   | 1   | 0   | 31    | 12  | 43  | 612 |
| 1989             | 13              | 8   | 21  | 528 | 11              | 6   | 17  | 156 | 2     | 0   | 2   | 7   | 26    | 14  | 40  | 691 |

KEY: HBD -- Drivers reported by police to have been drinking

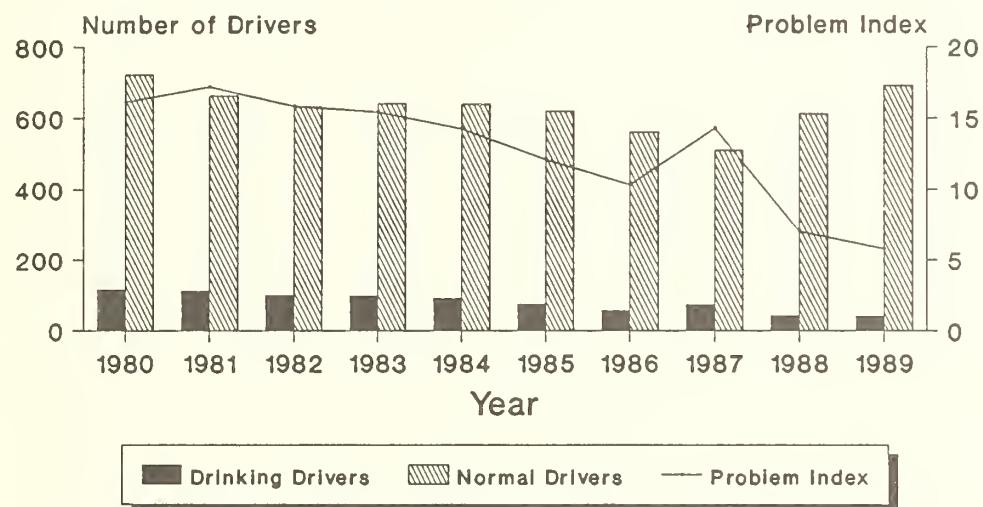
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

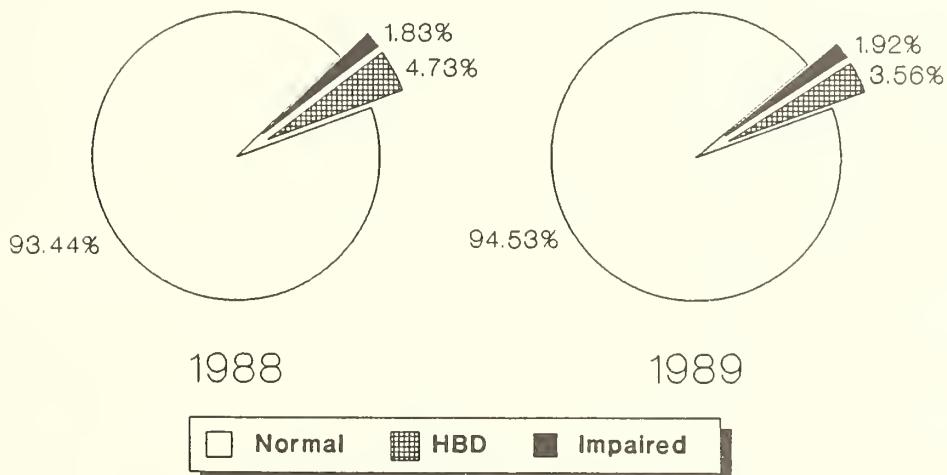
NOR -- Drivers whose condition was reported by police as "normal"

# RAINY RIVER

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## RENFREW

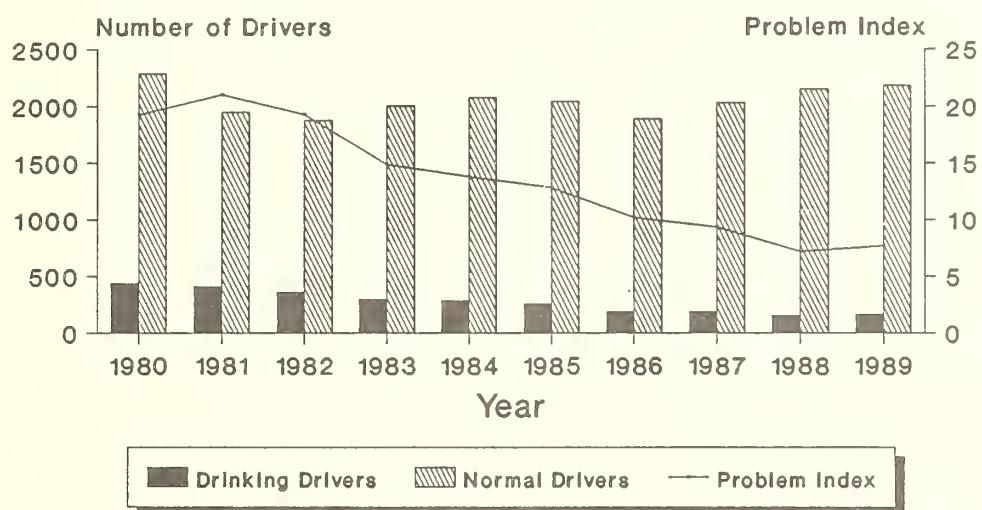
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 139             | 41  | 180 | 1160 | 159             | 51  | 210 | 516 | 8     | 7   | 15  | 19  | 306   | 99  | 405 | 1695 |
| 1981             | 126             | 61  | 187 | 945  | 132             | 38  | 170 | 472 | 7     | 10  | 17  | 15  | 265   | 109 | 374 | 1432 |
| 1982             | 111             | 48  | 159 | 912  | 115             | 39  | 154 | 461 | 7     | 7   | 14  | 22  | 233   | 94  | 327 | 1395 |
| 1983             | 88              | 48  | 136 | 1009 | 85              | 40  | 125 | 475 | 3     | 4   | 7   | 19  | 176   | 92  | 268 | 1503 |
| 1984             | 93              | 50  | 143 | 1036 | 80              | 31  | 111 | 454 | 3     | 2   | 5   | 19  | 176   | 83  | 259 | 1509 |
| 1985             | 82              | 30  | 112 | 952  | 94              | 32  | 126 | 465 | 3     | 5   | 8   | 11  | 179   | 67  | 246 | 1428 |
| 1986             | 54              | 28  | 82  | 862  | 61              | 26  | 87  | 448 | 3     | 4   | 7   | 14  | 118   | 58  | 176 | 1324 |
| 1987             | 55              | 28  | 83  | 881  | 64              | 21  | 85  | 492 | 1     | 4   | 5   | 15  | 120   | 53  | 173 | 1388 |
| 1988             | 46              | 24  | 70  | 973  | 37              | 19  | 56  | 460 | 1     | 6   | 7   | 16  | 84    | 49  | 133 | 1449 |
| 1989             | 50              | 34  | 84  | 1002 | 36              | 26  | 62  | 455 | 6     | 1   | 7   | 20  | 92    | 61  | 153 | 1477 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 10              | 4   | 14  | 385  | 16              | 5   | 21  | 202 | 1     | 0   | 1   | 5   | 27    | 9   | 36  | 592  |
| 1981             | 7               | 8   | 15  | 323  | 16              | 6   | 22  | 198 | 0     | 0   | 0   | 0   | 23    | 14  | 37  | 521  |
| 1982             | 13              | 4   | 17  | 310  | 13              | 4   | 17  | 172 | 2     | 0   | 2   | 2   | 28    | 8   | 36  | 484  |
| 1983             | 9               | 4   | 13  | 325  | 15              | 1   | 16  | 169 | 0     | 1   | 1   | 8   | 24    | 6   | 30  | 502  |
| 1984             | 10              | 4   | 14  | 384  | 11              | 1   | 12  | 177 | 1     | 0   | 1   | 8   | 22    | 5   | 27  | 569  |
| 1985             | 4               | 1   | 5   | 378  | 8               | 1   | 9   | 230 | 0     | 1   | 1   | 5   | 12    | 3   | 15  | 613  |
| 1986             | 4               | 4   | 8   | 322  | 7               | 1   | 8   | 237 | 0     | 0   | 0   | 4   | 11    | 5   | 16  | 563  |
| 1987             | 5               | 1   | 6   | 369  | 9               | 1   | 10  | 271 | 1     | 0   | 1   | 4   | 15    | 2   | 17  | 644  |
| 1988             | 5               | 4   | 9   | 442  | 8               | 2   | 10  | 256 | 0     | 2   | 2   | 3   | 13    | 8   | 21  | 701  |
| 1989             | 6               | 3   | 9   | 453  | 3               | 3   | 6   | 252 | 0     | 0   | 0   | 3   | 9     | 6   | 15  | 708  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 149             | 45  | 194 | 1545 | 175             | 56  | 231 | 718 | 9     | 7   | 16  | 24  | 333   | 108 | 441 | 2287 |
| 1981             | 133             | 69  | 202 | 1268 | 148             | 44  | 192 | 670 | 7     | 10  | 17  | 15  | 288   | 123 | 411 | 1953 |
| 1982             | 124             | 52  | 176 | 1222 | 128             | 43  | 171 | 633 | 9     | 7   | 16  | 24  | 261   | 102 | 363 | 1879 |
| 1983             | 97              | 52  | 149 | 1334 | 100             | 41  | 141 | 644 | 3     | 5   | 8   | 27  | 200   | 98  | 298 | 2005 |
| 1984             | 103             | 54  | 157 | 1420 | 91              | 32  | 123 | 631 | 4     | 2   | 6   | 27  | 198   | 88  | 286 | 2078 |
| 1985             | 86              | 31  | 117 | 1330 | 102             | 33  | 135 | 695 | 3     | 6   | 9   | 16  | 191   | 70  | 261 | 2041 |
| 1986             | 58              | 32  | 90  | 1184 | 68              | 27  | 95  | 685 | 3     | 4   | 7   | 18  | 129   | 63  | 192 | 1887 |
| 1987             | 60              | 29  | 89  | 1250 | 73              | 22  | 95  | 763 | 2     | 4   | 6   | 19  | 135   | 55  | 190 | 2032 |
| 1988             | 51              | 28  | 79  | 1415 | 45              | 21  | 66  | 716 | 1     | 8   | 9   | 19  | 97    | 57  | 154 | 2150 |
| 1989             | 56              | 37  | 93  | 1455 | 39              | 29  | 68  | 707 | 6     | 1   | 7   | 23  | 101   | 67  | 168 | 2185 |

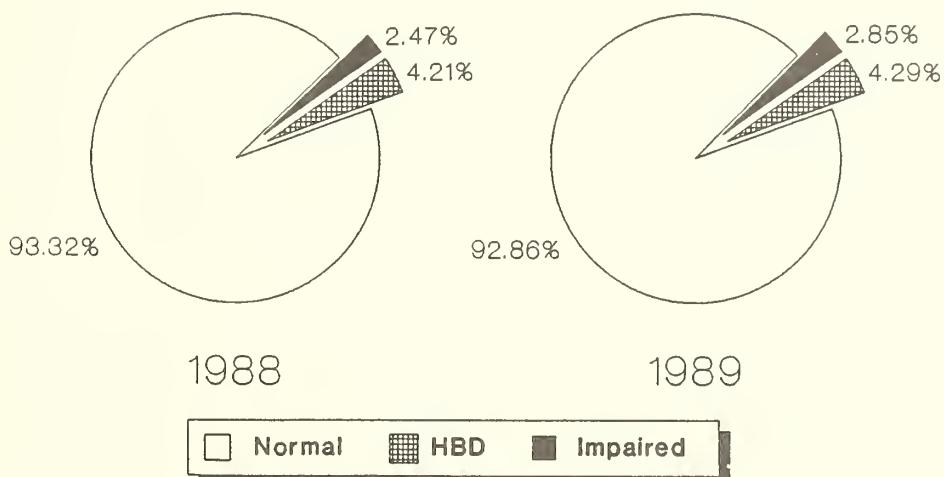
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

## RENFREW

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |     |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 25              | 5   | 30  | 223 | 29              | 7   | 36  | 92  | 2     | 0   | 2   | 2   | 56    | 12  | 68  | 317 |
| 1981             | 17              | 6   | 23  | 141 | 21              | 9   | 30  | 80  | 0     | 1   | 1   | 3   | 38    | 16  | 54  | 224 |
| 1982             | 27              | 11  | 38  | 190 | 17              | 8   | 25  | 92  | 2     | 0   | 2   | 1   | 46    | 19  | 65  | 283 |
| 1983             | 22              | 12  | 34  | 233 | 17              | 12  | 29  | 122 | 1     | 1   | 2   | 4   | 40    | 25  | 65  | 359 |
| 1984             | 18              | 7   | 25  | 209 | 21              | 9   | 30  | 123 | 2     | 0   | 2   | 5   | 41    | 16  | 57  | 337 |
| 1985             | 20              | 7   | 27  | 237 | 24              | 5   | 29  | 148 | 0     | 1   | 1   | 4   | 44    | 13  | 57  | 389 |
| 1986             | 11              | 5   | 16  | 245 | 26              | 11  | 37  | 118 | 0     | 1   | 1   | 4   | 37    | 17  | 54  | 367 |
| 1987             | 10              | 10  | 20  | 270 | 12              | 13  | 25  | 145 | 1     | 3   | 4   | 6   | 23    | 26  | 49  | 421 |
| 1988             | 17              | 2   | 19  | 279 | 12              | 7   | 19  | 118 | 2     | 2   | 4   | 2   | 31    | 11  | 42  | 399 |
| 1989             | 14              | 10  | 24  | 306 | 7               | 10  | 17  | 132 | 1     | 3   | 4   | 3   | 22    | 23  | 45  | 441 |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 4               | 1   | 5   | 69  | 0               | 0   | 0   | 40  | 0     | 0   | 0   | 1   | 4     | 1   | 5   | 110 |
| 1981             | 3               | 1   | 4   | 46  | 3               | 0   | 3   | 36  | 0     | 0   | 0   | 1   | 6     | 1   | 7   | 83  |
| 1982             | 1               | 1   | 2   | 76  | 1               | 0   | 1   | 31  | 0     | 0   | 0   | 0   | 2     | 1   | 3   | 107 |
| 1983             | 0               | 1   | 1   | 84  | 2               | 1   | 3   | 48  | 0     | 0   | 0   | 3   | 2     | 2   | 4   | 135 |
| 1984             | 2               | 0   | 2   | 101 | 2               | 0   | 2   | 47  | 0     | 0   | 0   | 1   | 4     | 0   | 4   | 149 |
| 1985             | 2               | 1   | 3   | 91  | 3               | 1   | 4   | 83  | 0     | 0   | 0   | 1   | 5     | 2   | 7   | 175 |
| 1986             | 0               | 4   | 4   | 111 | 3               | 2   | 5   | 53  | 0     | 0   | 0   | 0   | 3     | 6   | 9   | 164 |
| 1987             | 2               | 0   | 2   | 102 | 0               | 1   | 1   | 52  | 0     | 0   | 0   | 1   | 2     | 1   | 3   | 155 |
| 1988             | 0               | 3   | 3   | 149 | 2               | 3   | 5   | 78  | 0     | 0   | 0   | 0   | 2     | 6   | 8   | 227 |
| 1989             | 2               | 1   | 3   | 155 | 1               | 0   | 1   | 70  | 1     | 1   | 2   | 2   | 4     | 2   | 6   | 227 |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |     |
| 1980             | 29              | 6   | 35  | 292 | 29              | 7   | 36  | 132 | 2     | 0   | 2   | 3   | 60    | 13  | 73  | 427 |
| 1981             | 20              | 7   | 27  | 187 | 24              | 9   | 33  | 116 | 0     | 1   | 1   | 4   | 44    | 17  | 61  | 307 |
| 1982             | 28              | 12  | 40  | 266 | 18              | 8   | 26  | 123 | 2     | 0   | 2   | 1   | 48    | 20  | 68  | 390 |
| 1983             | 22              | 13  | 35  | 317 | 19              | 13  | 32  | 170 | 1     | 1   | 2   | 7   | 42    | 27  | 69  | 494 |
| 1984             | 20              | 7   | 27  | 310 | 23              | 9   | 32  | 170 | 2     | 0   | 2   | 6   | 45    | 16  | 61  | 486 |
| 1985             | 22              | 8   | 30  | 328 | 27              | 6   | 33  | 231 | 0     | 1   | 1   | 5   | 49    | 15  | 64  | 564 |
| 1986             | 11              | 9   | 20  | 356 | 29              | 13  | 42  | 171 | 0     | 1   | 1   | 4   | 40    | 23  | 63  | 531 |
| 1987             | 12              | 10  | 22  | 372 | 12              | 14  | 26  | 197 | 1     | 3   | 4   | 7   | 25    | 27  | 52  | 576 |
| 1988             | 17              | 5   | 22  | 428 | 14              | 10  | 24  | 196 | 2     | 2   | 4   | 2   | 33    | 17  | 50  | 626 |
| 1989             | 16              | 11  | 27  | 461 | 8               | 10  | 18  | 202 | 2     | 4   | 6   | 5   | 26    | 25  | 51  | 668 |

KEY: HBD -- Drivers reported by police to have been drinking

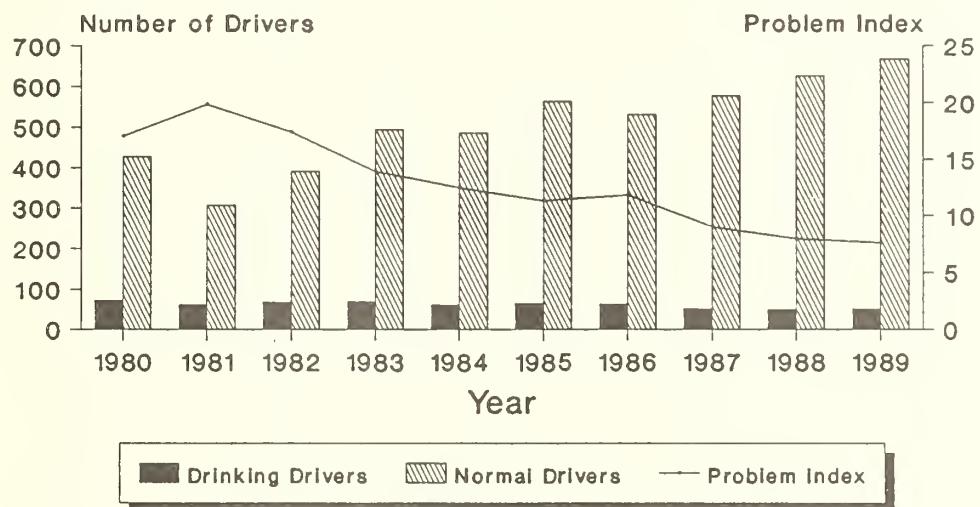
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

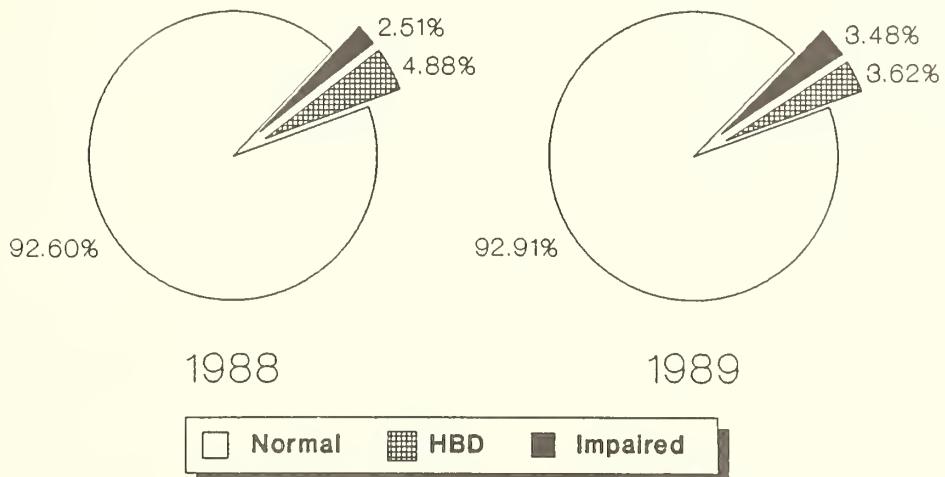
NOR -- Drivers whose condition was reported by police as "normal"

# RUSSELL

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



## SIMCOE

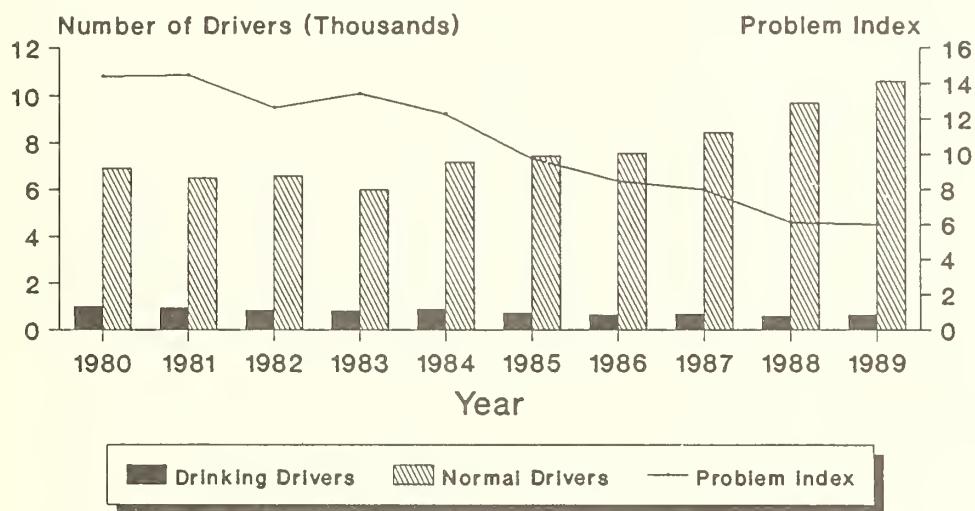
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |       |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|-------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR   |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 310             | 156 | 466 | 3157 | 280             | 142 | 422 | 1775 | 10    | 11  | 21  | 18  | 600   | 309 | 909 | 4950  |
| 1981             | 253             | 156 | 409 | 3043 | 287             | 136 | 423 | 1572 | 9     | 12  | 21  | 32  | 549   | 304 | 853 | 4647  |
| 1982             | 225             | 140 | 365 | 3067 | 232             | 132 | 364 | 1544 | 5     | 4   | 9   | 37  | 462   | 276 | 738 | 4648  |
| 1983             | 239             | 136 | 375 | 2731 | 204             | 118 | 322 | 1400 | 2     | 11  | 13  | 37  | 445   | 265 | 710 | 4168  |
| 1984             | 232             | 157 | 389 | 3266 | 240             | 124 | 364 | 1666 | 8     | 11  | 19  | 33  | 480   | 292 | 772 | 4965  |
| 1985             | 197             | 111 | 308 | 3300 | 222             | 110 | 332 | 1765 | 7     | 9   | 16  | 25  | 426   | 230 | 656 | 5090  |
| 1986             | 176             | 106 | 282 | 3308 | 157             | 115 | 272 | 1796 | 5     | 7   | 12  | 32  | 338   | 228 | 566 | 5136  |
| 1987             | 145             | 123 | 268 | 3455 | 167             | 148 | 315 | 2192 | 5     | 7   | 12  | 41  | 317   | 278 | 595 | 5688  |
| 1988             | 149             | 107 | 256 | 4406 | 147             | 105 | 252 | 2045 | 3     | 13  | 16  | 31  | 299   | 225 | 524 | 6482  |
| 1989             | 171             | 136 | 307 | 5068 | 122             | 118 | 240 | 2001 | 9     | 6   | 15  | 49  | 302   | 260 | 562 | 7118  |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 23              | 11  | 34  | 1208 | 42              | 10  | 52  | 746  | 1     | 0   | 1   | 7   | 66    | 21  | 87  | 1961  |
| 1981             | 25              | 17  | 42  | 1217 | 35              | 14  | 49  | 641  | 0     | 0   | 0   | 7   | 60    | 31  | 91  | 1865  |
| 1982             | 40              | 7   | 47  | 1271 | 39              | 8   | 47  | 662  | 0     | 0   | 0   | 10  | 79    | 15  | 94  | 1943  |
| 1983             | 37              | 9   | 46  | 1200 | 34              | 11  | 45  | 603  | 1     | 1   | 2   | 6   | 72    | 21  | 93  | 1809  |
| 1984             | 45              | 13  | 58  | 1446 | 37              | 9   | 46  | 735  | 2     | 0   | 2   | 8   | 84    | 22  | 106 | 2189  |
| 1985             | 21              | 12  | 33  | 1523 | 29              | 6   | 35  | 817  | 0     | 2   | 2   | 13  | 50    | 20  | 70  | 2353  |
| 1986             | 23              | 13  | 36  | 1466 | 29              | 8   | 37  | 922  | 1     | 0   | 1   | 12  | 53    | 21  | 74  | 2400  |
| 1987             | 14              | 8   | 22  | 1613 | 37              | 17  | 54  | 1095 | 0     | 1   | 1   | 15  | 51    | 26  | 77  | 2723  |
| 1988             | 26              | 10  | 36  | 2116 | 19              | 12  | 31  | 1055 | 1     | 1   | 2   | 8   | 46    | 23  | 69  | 3179  |
| 1989             | 22              | 19  | 41  | 2339 | 23              | 10  | 33  | 1138 | 1     | 1   | 2   | 12  | 46    | 30  | 76  | 3489  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |       |
| 1980             | 333             | 167 | 500 | 4365 | 322             | 152 | 474 | 2521 | 11    | 11  | 22  | 25  | 666   | 330 | 996 | 6911  |
| 1981             | 278             | 173 | 451 | 4260 | 322             | 150 | 472 | 2213 | 9     | 12  | 21  | 39  | 609   | 335 | 944 | 6512  |
| 1982             | 265             | 147 | 412 | 4338 | 271             | 140 | 411 | 2206 | 5     | 4   | 9   | 47  | 541   | 291 | 832 | 6591  |
| 1983             | 276             | 145 | 421 | 3931 | 238             | 129 | 367 | 2003 | 3     | 12  | 15  | 43  | 517   | 286 | 803 | 5977  |
| 1984             | 277             | 170 | 447 | 4712 | 277             | 133 | 410 | 2401 | 10    | 11  | 21  | 41  | 564   | 314 | 878 | 7154  |
| 1985             | 218             | 123 | 341 | 4823 | 251             | 116 | 367 | 2582 | 7     | 11  | 18  | 38  | 476   | 250 | 726 | 7443  |
| 1986             | 199             | 119 | 318 | 4774 | 186             | 123 | 309 | 2718 | 6     | 7   | 13  | 44  | 391   | 249 | 640 | 7536  |
| 1987             | 159             | 131 | 290 | 5068 | 204             | 165 | 369 | 3287 | 5     | 8   | 13  | 56  | 368   | 304 | 672 | 8411  |
| 1988             | 175             | 117 | 292 | 6522 | 166             | 117 | 283 | 3100 | 4     | 14  | 18  | 39  | 345   | 248 | 593 | 9661  |
| 1989             | 193             | 155 | 348 | 7407 | 145             | 128 | 273 | 3139 | 10    | 7   | 17  | 61  | 348   | 290 | 638 | 10607 |

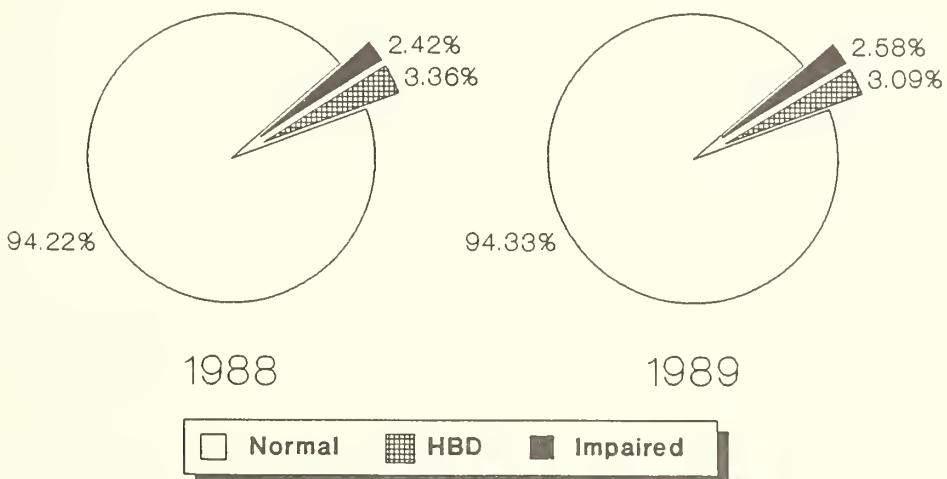
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

# SIMCOE

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## STORMONT

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 71              | 33  | 104 | 1811 | 77              | 27  | 104 | 467 | 0     | 2   | 2   | 6   | 148   | 62  | 210 | 2284 |
| 1981             | 64              | 44  | 108 | 945  | 90              | 23  | 113 | 485 | 0     | 1   | 1   | 4   | 154   | 68  | 222 | 1434 |
| 1982             | 68              | 31  | 99  | 944  | 82              | 26  | 108 | 548 | 0     | 4   | 4   | 5   | 150   | 61  | 211 | 1497 |
| 1983             | 53              | 41  | 94  | 932  | 60              | 25  | 85  | 458 | 0     | 4   | 4   | 9   | 113   | 70  | 183 | 1399 |
| 1984             | 53              | 34  | 87  | 1049 | 56              | 22  | 78  | 463 | 1     | 1   | 2   | 3   | 110   | 57  | 167 | 1515 |
| 1985             | 35              | 28  | 63  | 873  | 42              | 27  | 69  | 520 | 2     | 2   | 4   | 2   | 79    | 57  | 136 | 1395 |
| 1986             | 34              | 25  | 59  | 852  | 42              | 28  | 70  | 451 | 1     | 5   | 6   | 2   | 77    | 58  | 135 | 1305 |
| 1987             | 40              | 20  | 60  | 795  | 35              | 31  | 66  | 522 | 0     | 1   | 1   | 3   | 75    | 52  | 127 | 1320 |
| 1988             | 26              | 17  | 43  | 897  | 18              | 20  | 38  | 530 | 1     | 2   | 3   | 6   | 45    | 39  | 84  | 1433 |
| 1989             | 29              | 24  | 53  | 963  | 20              | 23  | 43  | 529 | 2     | 1   | 3   | 11  | 51    | 48  | 99  | 1503 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 8               | 1   | 9   | 374  | 4               | 2   | 6   | 187 | 0     | 0   | 0   | 3   | 12    | 3   | 15  | 564  |
| 1981             | 12              | 1   | 13  | 324  | 8               | 0   | 8   | 216 | 0     | 0   | 0   | 1   | 20    | 1   | 21  | 541  |
| 1982             | 3               | 2   | 5   | 325  | 10              | 1   | 11  | 196 | 0     | 0   | 0   | 2   | 13    | 3   | 16  | 523  |
| 1983             | 8               | 1   | 9   | 337  | 10              | 1   | 11  | 207 | 1     | 2   | 3   | 1   | 19    | 4   | 23  | 545  |
| 1984             | 6               | 4   | 10  | 413  | 12              | 0   | 12  | 195 | 0     | 0   | 0   | 0   | 18    | 4   | 22  | 608  |
| 1985             | 8               | 2   | 10  | 342  | 5               | 1   | 6   | 222 | 0     | 0   | 0   | 3   | 13    | 3   | 16  | 567  |
| 1986             | 1               | 3   | 4   | 380  | 5               | 4   | 9   | 206 | 0     | 1   | 1   | 2   | 6     | 8   | 14  | 588  |
| 1987             | 4               | 4   | 8   | 374  | 6               | 3   | 9   | 234 | 0     | 0   | 0   | 2   | 10    | 7   | 17  | 610  |
| 1988             | 3               | 3   | 6   | 372  | 5               | 2   | 7   | 238 | 0     | 0   | 0   | 1   | 8     | 5   | 13  | 611  |
| 1989             | 3               | 1   | 4   | 455  | 5               | 2   | 7   | 254 | 0     | 1   | 1   | 6   | 8     | 4   | 12  | 715  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 79              | 34  | 113 | 2185 | 81              | 29  | 110 | 654 | 0     | 2   | 2   | 9   | 160   | 65  | 225 | 2848 |
| 1981             | 76              | 45  | 121 | 1269 | 98              | 23  | 121 | 701 | 0     | 1   | 1   | 5   | 174   | 69  | 243 | 1975 |
| 1982             | 71              | 33  | 104 | 1269 | 92              | 27  | 119 | 744 | 0     | 4   | 4   | 7   | 163   | 64  | 227 | 2020 |
| 1983             | 61              | 42  | 103 | 1269 | 70              | 26  | 96  | 665 | 1     | 6   | 7   | 10  | 132   | 74  | 206 | 1944 |
| 1984             | 59              | 38  | 97  | 1462 | 68              | 22  | 90  | 658 | 1     | 1   | 2   | 3   | 128   | 61  | 189 | 2123 |
| 1985             | 43              | 30  | 73  | 1215 | 47              | 28  | 75  | 742 | 2     | 2   | 4   | 5   | 92    | 60  | 152 | 1962 |
| 1986             | 35              | 28  | 63  | 1232 | 47              | 32  | 79  | 657 | 1     | 6   | 7   | 4   | 83    | 66  | 149 | 1893 |
| 1987             | 44              | 24  | 68  | 1169 | 41              | 34  | 75  | 756 | 0     | 1   | 1   | 5   | 85    | 59  | 144 | 1930 |
| 1988             | 29              | 20  | 49  | 1269 | 23              | 22  | 45  | 768 | 1     | 2   | 3   | 7   | 53    | 44  | 97  | 2044 |
| 1989             | 32              | 25  | 57  | 1418 | 25              | 25  | 50  | 783 | 2     | 2   | 4   | 17  | 59    | 52  | 111 | 2218 |

KEY: HBD -- Drivers reported by police to have been drinking

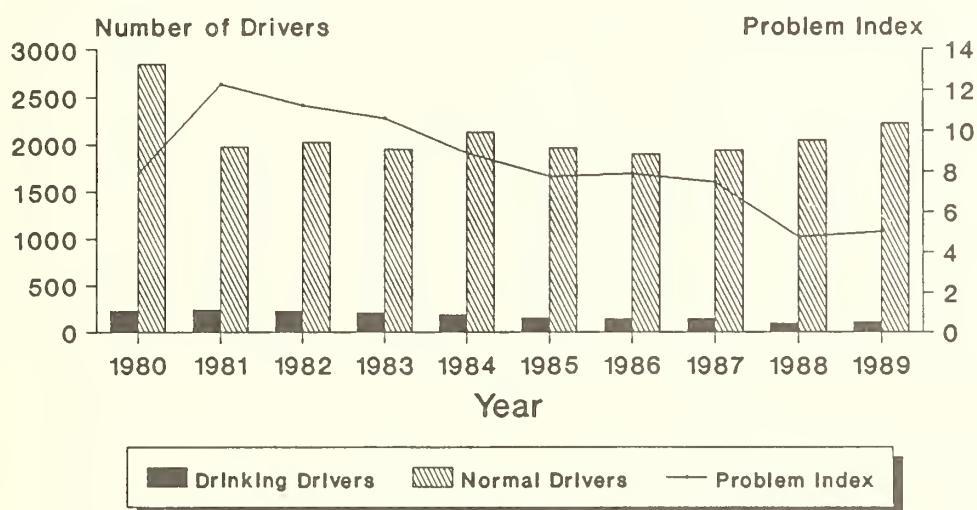
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

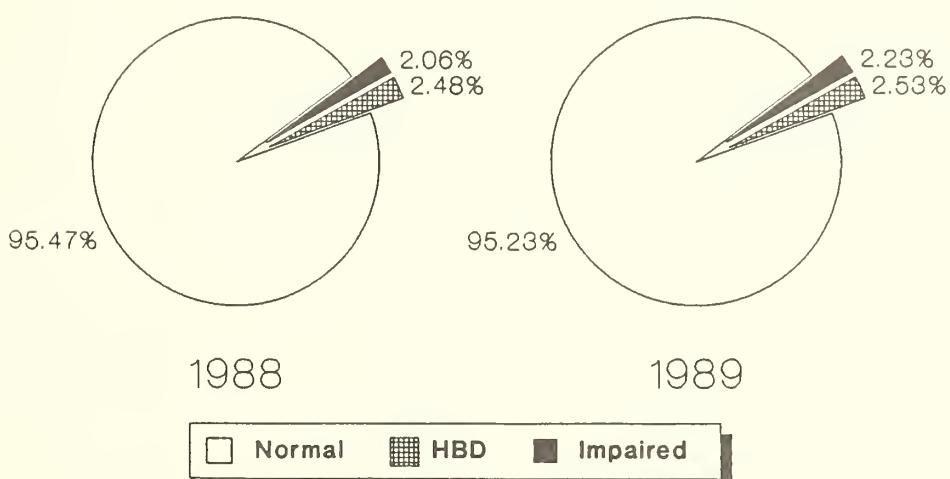
NOR -- Drivers whose condition was reported by police as "normal"

# STORMONT

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## SUDBURY DISTRICT &amp; REGIONAL MUNICIPALITY

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 206             | 146 | 352 | 2674 | 212             | 139 | 351 | 1549 | 4     | 20  | 24  | 26  | 422   | 305 | 727 | 4249 |
| 1981             | 198             | 105 | 303 | 2571 | 184             | 112 | 296 | 1368 | 6     | 13  | 19  | 35  | 388   | 230 | 618 | 3974 |
| 1982             | 161             | 122 | 283 | 2462 | 166             | 89  | 255 | 1207 | 2     | 9   | 11  | 16  | 329   | 220 | 549 | 3685 |
| 1983             | 133             | 85  | 218 | 1997 | 132             | 100 | 232 | 1160 | 5     | 15  | 21  | 18  | 271   | 200 | 471 | 3175 |
| 1984             | 141             | 81  | 222 | 2295 | 139             | 115 | 254 | 1343 | 3     | 11  | 14  | 30  | 283   | 207 | 490 | 3668 |
| 1985             | 92              | 60  | 152 | 2204 | 125             | 83  | 208 | 1478 | 8     | 7   | 15  | 28  | 225   | 150 | 375 | 3710 |
| 1986             | 71              | 44  | 115 | 1934 | 88              | 71  | 159 | 1400 | 6     | 8   | 14  | 28  | 165   | 123 | 288 | 3362 |
| 1987             | 74              | 57  | 131 | 2174 | 100             | 78  | 178 | 1573 | 4     | 8   | 12  | 18  | 178   | 143 | 321 | 3765 |
| 1988             | 90              | 61  | 151 | 2722 | 89              | 73  | 162 | 1478 | 4     | 9   | 13  | 27  | 183   | 143 | 326 | 4227 |
| 1989             | 87              | 69  | 156 | 3175 | 65              | 85  | 150 | 1671 | 1     | 5   | 6   | 26  | 153   | 159 | 312 | 4872 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 11              | 11  | 22  | 835  | 19              | 11  | 30  | 531  | 0     | 0   | 0   | 7   | 30    | 22  | 52  | 1373 |
| 1981             | 22              | 10  | 32  | 856  | 19              | 17  | 36  | 519  | 1     | 1   | 2   | 8   | 42    | 28  | 70  | 1383 |
| 1982             | 21              | 5   | 26  | 830  | 27              | 5   | 32  | 498  | 0     | 1   | 1   | 6   | 48    | 11  | 59  | 1334 |
| 1983             | 16              | 9   | 25  | 739  | 19              | 14  | 33  | 535  | 0     | 0   | 0   | 6   | 35    | 23  | 58  | 1280 |
| 1984             | 18              | 4   | 22  | 826  | 18              | 6   | 24  | 588  | 1     | 0   | 1   | 5   | 37    | 10  | 47  | 1419 |
| 1985             | 14              | 5   | 19  | 809  | 19              | 13  | 32  | 651  | 0     | 0   | 0   | 8   | 33    | 18  | 51  | 1468 |
| 1986             | 14              | 5   | 19  | 771  | 16              | 6   | 22  | 634  | 0     | 0   | 0   | 4   | 30    | 11  | 41  | 1409 |
| 1987             | 9               | 3   | 12  | 930  | 20              | 8   | 28  | 737  | 1     | 1   | 2   | 10  | 30    | 12  | 42  | 1677 |
| 1988             | 14              | 5   | 19  | 1110 | 16              | 10  | 26  | 746  | 1     | 1   | 2   | 11  | 31    | 16  | 47  | 1867 |
| 1989             | 5               | 6   | 11  | 1432 | 14              | 10  | 24  | 863  | 0     | 0   | 0   | 6   | 19    | 16  | 35  | 2301 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 217             | 157 | 374 | 3509 | 231             | 150 | 381 | 2080 | 4     | 20  | 24  | 33  | 452   | 327 | 779 | 5622 |
| 1981             | 220             | 115 | 335 | 3427 | 203             | 129 | 332 | 1887 | 7     | 14  | 21  | 43  | 430   | 258 | 688 | 5357 |
| 1982             | 182             | 127 | 309 | 3292 | 193             | 94  | 287 | 1705 | 2     | 10  | 12  | 22  | 377   | 231 | 608 | 5019 |
| 1983             | 149             | 94  | 243 | 2736 | 151             | 114 | 265 | 1695 | 6     | 15  | 21  | 24  | 306   | 223 | 529 | 4455 |
| 1984             | 159             | 85  | 244 | 3121 | 157             | 121 | 278 | 1931 | 4     | 11  | 15  | 35  | 320   | 217 | 537 | 5087 |
| 1985             | 106             | 65  | 171 | 3013 | 144             | 96  | 240 | 2129 | 8     | 7   | 15  | 36  | 258   | 168 | 426 | 5178 |
| 1986             | 85              | 49  | 134 | 2705 | 104             | 77  | 181 | 2034 | 6     | 8   | 14  | 32  | 195   | 134 | 329 | 4771 |
| 1987             | 83              | 60  | 143 | 3104 | 120             | 86  | 206 | 2310 | 5     | 9   | 14  | 28  | 208   | 155 | 363 | 5442 |
| 1988             | 104             | 66  | 170 | 3832 | 105             | 83  | 188 | 2224 | 5     | 10  | 15  | 38  | 214   | 159 | 373 | 6094 |
| 1989             | 92              | 75  | 167 | 4607 | 79              | 95  | 174 | 2534 | 1     | 5   | 6   | 32  | 172   | 175 | 347 | 7173 |

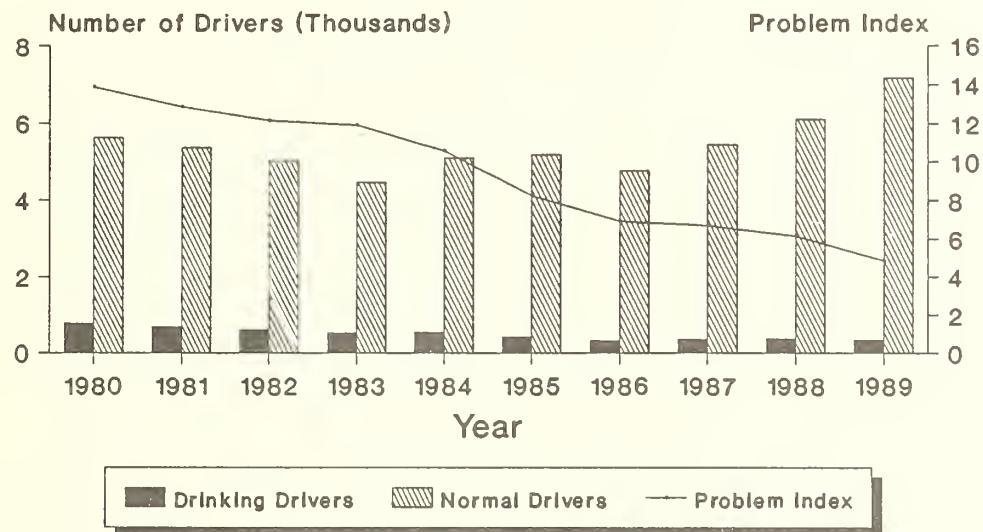
KEY: HBD -- Drivers reported by police to have been drinking

IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

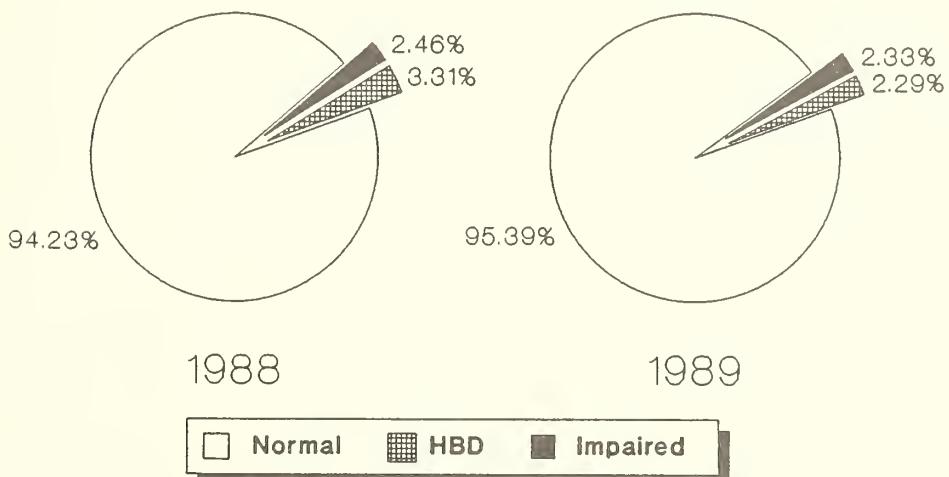
D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

NOR -- Drivers whose condition was reported by police as "normal"

**SUDBURY DISTRICT & REGIONAL MUNICIPALITY**  
**Drinking and Normal Drivers**  
**in Traffic Crashes: 1980 - 1989**



**Condition of Drivers Involved  
in Traffic Crashes**



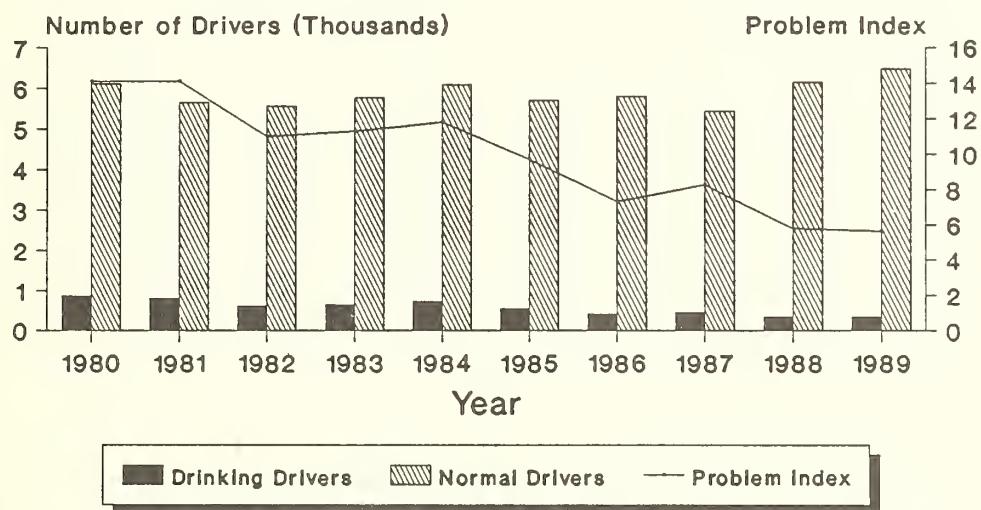
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 245             | 186 | 431 | 3279 | 208             | 122 | 330 | 1238 | 8     | 10  | 18  | 35  | 461   | 318 | 779 | 4552 |
| 1981             | 257             | 152 | 409 | 2940 | 178             | 115 | 293 | 1218 | 4     | 9   | 13  | 22  | 439   | 276 | 715 | 4180 |
| 1982             | 166             | 129 | 295 | 2985 | 141             | 106 | 247 | 1088 | 5     | 5   | 10  | 9   | 312   | 240 | 552 | 4082 |
| 1983             | 184             | 127 | 311 | 2887 | 139             | 111 | 250 | 1158 | 5     | 9   | 14  | 25  | 328   | 247 | 575 | 4070 |
| 1984             | 186             | 147 | 333 | 2983 | 163             | 121 | 284 | 1288 | 5     | 7   | 12  | 20  | 354   | 275 | 629 | 4291 |
| 1985             | 159             | 109 | 268 | 2744 | 125             | 88  | 213 | 1222 | 3     | 8   | 11  | 20  | 287   | 205 | 492 | 3986 |
| 1986             | 97              | 87  | 184 | 2561 | 92              | 81  | 173 | 1400 | 4     | 7   | 11  | 22  | 193   | 175 | 368 | 3983 |
| 1987             | 112             | 79  | 191 | 2376 | 96              | 94  | 190 | 1322 | 1     | 4   | 5   | 18  | 209   | 177 | 386 | 3716 |
| 1988             | 96              | 78  | 174 | 2969 | 73              | 54  | 127 | 1171 | 5     | 5   | 10  | 23  | 174   | 137 | 311 | 4163 |
| 1989             | 83              | 103 | 186 | 3145 | 75              | 57  | 132 | 1156 | 4     | 1   | 5   | 21  | 162   | 161 | 323 | 4322 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 30              | 8   | 38  | 1088 | 35              | 11  | 46  | 464  | 0     | 1   | 1   | 6   | 65    | 20  | 85  | 1558 |
| 1981             | 20              | 19  | 39  | 1003 | 29              | 16  | 45  | 472  | 0     | 0   | 0   | 4   | 49    | 35  | 84  | 1479 |
| 1982             | 18              | 14  | 32  | 1009 | 16              | 9   | 25  | 461  | 1     | 0   | 1   | 2   | 35    | 23  | 58  | 1472 |
| 1983             | 24              | 9   | 33  | 1144 | 28              | 13  | 41  | 541  | 0     | 1   | 1   | 5   | 52    | 23  | 75  | 1690 |
| 1984             | 22              | 24  | 46  | 1226 | 28              | 14  | 42  | 556  | 1     | 0   | 1   | 4   | 51    | 38  | 89  | 1786 |
| 1985             | 21              | 17  | 38  | 1156 | 17              | 5   | 22  | 561  | 0     | 0   | 0   | 4   | 38    | 22  | 60  | 1721 |
| 1986             | 12              | 10  | 22  | 1171 | 21              | 12  | 33  | 633  | 0     | 1   | 1   | 6   | 33    | 23  | 56  | 1810 |
| 1987             | 13              | 13  | 26  | 1024 | 17              | 19  | 36  | 681  | 0     | 0   | 0   | 4   | 30    | 32  | 62  | 1709 |
| 1988             | 15              | 17  | 32  | 1304 | 11              | 2   | 13  | 666  | 0     | 0   | 0   | 9   | 26    | 19  | 45  | 1979 |
| 1989             | 14              | 8   | 22  | 1458 | 11              | 9   | 20  | 695  | 0     | 0   | 0   | 1   | 25    | 17  | 42  | 2154 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 275             | 194 | 469 | 4367 | 243             | 133 | 376 | 1702 | 8     | 11  | 19  | 41  | 526   | 338 | 864 | 6110 |
| 1981             | 277             | 171 | 448 | 3943 | 207             | 131 | 338 | 1690 | 4     | 9   | 13  | 26  | 488   | 311 | 799 | 5659 |
| 1982             | 184             | 143 | 327 | 3994 | 157             | 115 | 272 | 1549 | 6     | 5   | 11  | 11  | 347   | 263 | 610 | 5554 |
| 1983             | 208             | 136 | 344 | 4031 | 167             | 124 | 291 | 1699 | 5     | 10  | 15  | 30  | 380   | 270 | 650 | 5760 |
| 1984             | 208             | 171 | 379 | 4209 | 191             | 135 | 326 | 1844 | 6     | 7   | 13  | 24  | 405   | 313 | 718 | 6077 |
| 1985             | 180             | 126 | 306 | 3900 | 142             | 93  | 235 | 1783 | 3     | 8   | 11  | 24  | 325   | 227 | 552 | 5707 |
| 1986             | 109             | 97  | 206 | 3732 | 113             | 93  | 206 | 2033 | 4     | 8   | 12  | 28  | 226   | 198 | 424 | 5793 |
| 1987             | 125             | 92  | 217 | 3400 | 113             | 113 | 226 | 2003 | 1     | 4   | 5   | 22  | 239   | 209 | 448 | 5425 |
| 1988             | 111             | 95  | 206 | 4273 | 84              | 56  | 140 | 1837 | 5     | 5   | 10  | 32  | 200   | 156 | 356 | 6142 |
| 1989             | 97              | 111 | 208 | 4603 | 86              | 66  | 152 | 1851 | 4     | 1   | 5   | 22  | 187   | 178 | 365 | 6476 |

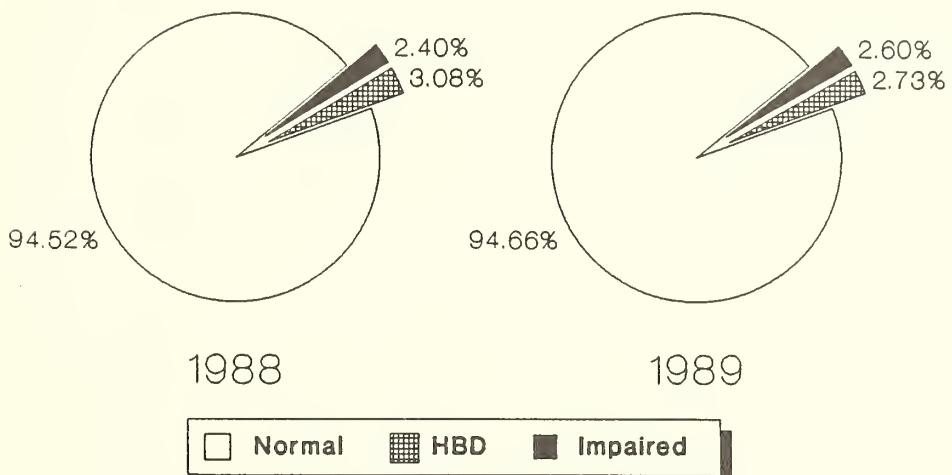
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

## THUNDER BAY

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## TIMISKAMING

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |     | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|-----|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 76              | 23  | 99  | 654 | 53              | 21  | 74  | 245 | 2     | 7   | 9   | 11  | 131   | 51  | 182 | 910  |
| 1981             | 59              | 37  | 96  | 610 | 66              | 25  | 91  | 262 | 2     | 3   | 5   | 10  | 127   | 65  | 192 | 882  |
| 1982             | 54              | 18  | 72  | 604 | 48              | 14  | 62  | 245 | 2     | 5   | 7   | 9   | 104   | 37  | 141 | 858  |
| 1983             | 59              | 28  | 87  | 505 | 48              | 12  | 60  | 237 | 0     | 3   | 3   | 4   | 107   | 43  | 150 | 746  |
| 1984             | 49              | 15  | 64  | 541 | 35              | 12  | 47  | 212 | 1     | 1   | 2   | 3   | 85    | 28  | 113 | 756  |
| 1985             | 39              | 17  | 56  | 504 | 47              | 15  | 62  | 263 | 1     | 0   | 1   | 5   | 87    | 32  | 119 | 772  |
| 1986             | 23              | 12  | 35  | 496 | 32              | 8   | 40  | 227 | 0     | 5   | 5   | 11  | 55    | 25  | 80  | 734  |
| 1987             | 21              | 13  | 34  | 490 | 23              | 15  | 38  | 259 | 1     | 0   | 1   | 8   | 45    | 28  | 73  | 757  |
| 1988             | 20              | 18  | 38  | 640 | 24              | 12  | 36  | 235 | 0     | 1   | 1   | 4   | 44    | 31  | 75  | 879  |
| 1989             | 18              | 9   | 27  | 611 | 10              | 10  | 20  | 241 | 1     | 0   | 1   | 5   | 29    | 19  | 48  | 857  |
| <b>Female</b>    |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 8               | 1   | 9   | 163 | 4               | 2   | 6   | 87  | 0     | 0   | 0   | 2   | 12    | 3   | 15  | 252  |
| 1981             | 11              | 3   | 14  | 160 | 3               | 0   | 3   | 98  | 0     | 1   | 1   | 2   | 14    | 4   | 18  | 260  |
| 1982             | 1               | 2   | 3   | 166 | 10              | 4   | 14  | 71  | 0     | 1   | 1   | 4   | 11    | 7   | 18  | 241  |
| 1983             | 3               | 0   | 3   | 172 | 2               | 3   | 5   | 71  | 0     | 2   | 2   | 2   | 5     | 5   | 10  | 245  |
| 1984             | 3               | 3   | 6   | 178 | 4               | 2   | 6   | 83  | 0     | 0   | 0   | 1   | 7     | 5   | 12  | 262  |
| 1985             | 3               | 1   | 4   | 160 | 5               | 0   | 5   | 79  | 0     | 0   | 0   | 0   | 8     | 1   | 9   | 239  |
| 1986             | 3               | 1   | 4   | 162 | 1               | 1   | 2   | 113 | 0     | 0   | 0   | 0   | 4     | 2   | 6   | 275  |
| 1987             | 1               | 1   | 2   | 181 | 5               | 4   | 9   | 89  | 1     | 0   | 1   | 1   | 7     | 5   | 12  | 271  |
| 1988             | 1               | 4   | 5   | 201 | 2               | 0   | 2   | 101 | 0     | 0   | 0   | 0   | 3     | 4   | 7   | 302  |
| 1989             | 2               | 2   | 4   | 249 | 1               | 3   | 4   | 92  | 1     | 0   | 1   | 0   | 4     | 5   | 9   | 341  |
| <b>Total</b>     |                 |     |     |     |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 84              | 24  | 108 | 817 | 57              | 23  | 80  | 332 | 2     | 7   | 9   | 13  | 143   | 54  | 197 | 1162 |
| 1981             | 70              | 40  | 110 | 770 | 69              | 25  | 94  | 360 | 2     | 4   | 6   | 12  | 141   | 69  | 210 | 1142 |
| 1982             | 55              | 20  | 75  | 770 | 58              | 18  | 76  | 316 | 2     | 6   | 8   | 13  | 115   | 44  | 159 | 1099 |
| 1983             | 62              | 28  | 90  | 677 | 50              | 15  | 65  | 308 | 0     | 5   | 5   | 6   | 112   | 48  | 160 | 991  |
| 1984             | 52              | 18  | 70  | 719 | 39              | 14  | 53  | 295 | 1     | 1   | 2   | 4   | 92    | 33  | 125 | 1018 |
| 1985             | 42              | 18  | 60  | 664 | 52              | 15  | 67  | 342 | 1     | 0   | 1   | 5   | 95    | 33  | 128 | 1011 |
| 1986             | 26              | 13  | 39  | 658 | 33              | 9   | 42  | 340 | 0     | 5   | 5   | 11  | 59    | 27  | 86  | 1009 |
| 1987             | 22              | 14  | 36  | 671 | 28              | 19  | 47  | 348 | 2     | 0   | 2   | 9   | 52    | 33  | 85  | 1028 |
| 1988             | 21              | 22  | 43  | 841 | 26              | 12  | 38  | 336 | 0     | 1   | 1   | 4   | 47    | 35  | 82  | 1181 |
| 1989             | 20              | 11  | 31  | 860 | 11              | 13  | 24  | 333 | 2     | 0   | 2   | 5   | 33    | 24  | 57  | 1198 |

KEY: HBD -- Drivers reported by police to have been drinking

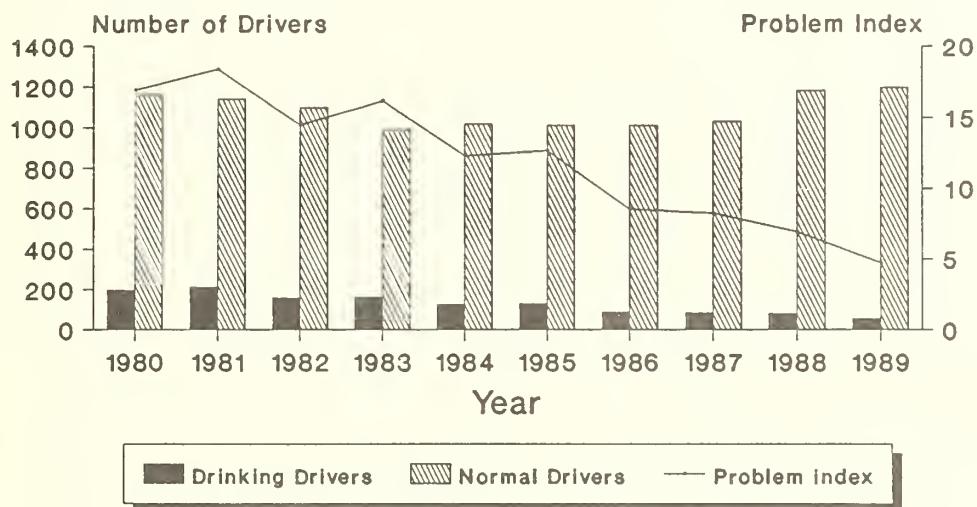
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

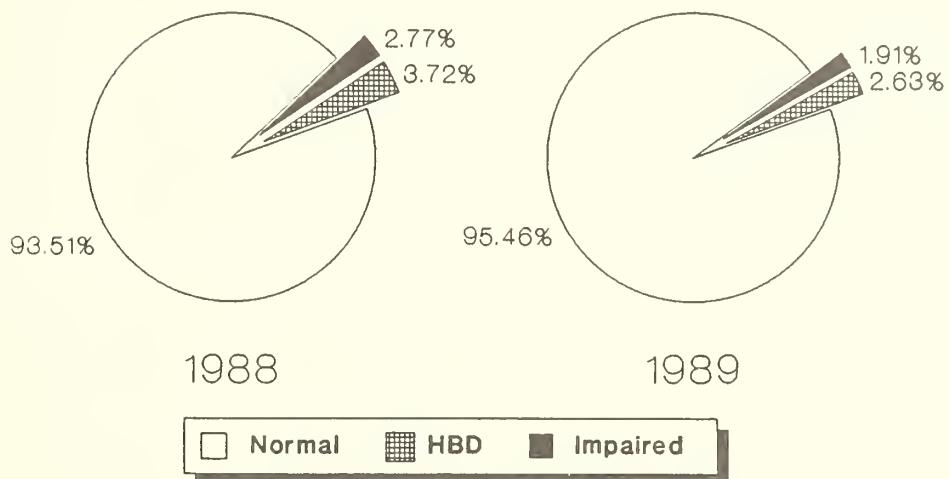
NOR -- Drivers whose condition was reported by police as "normal"

# TIMISKAMING

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## METROPOLITAN TORONTO &amp; YORK REGION

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |      |      |       | Personal Injury |      |      |       | Fatal |     |     |     | Total |      |      |        |
|------------------|-----------------|------|------|-------|-----------------|------|------|-------|-------|-----|-----|-----|-------|------|------|--------|
|                  | HBD             | IMP  | D/D  | NOR   | HBD             | IMP  | D/D  | NOR   | HBD   | IMP | D/D | NOR | HBD   | IMP  | D/D  | NOR    |
| <b>Male</b>      |                 |      |      |       |                 |      |      |       |       |     |     |     |       |      |      |        |
| 1980             | 1518            | 1236 | 2754 | 43566 | 1171            | 1161 | 2332 | 23004 | 22    | 32  | 54  | 151 | 2711  | 2429 | 5140 | 66721  |
| 1981             | 1572            | 1280 | 2852 | 46696 | 1188            | 1155 | 2343 | 24316 | 14    | 25  | 39  | 132 | 2774  | 2460 | 5234 | 71144  |
| 1982             | 1449            | 1110 | 2559 | 43796 | 1106            | 1068 | 2174 | 22988 | 22    | 23  | 45  | 122 | 2577  | 2201 | 4778 | 66906  |
| 1983             | 1186            | 894  | 2080 | 39796 | 944             | 885  | 1829 | 21912 | 17    | 30  | 47  | 114 | 2147  | 1809 | 3956 | 61822  |
| 1984             | 1241            | 935  | 2176 | 42777 | 971             | 918  | 1889 | 24226 | 16    | 32  | 48  | 125 | 2228  | 1885 | 4113 | 67128  |
| 1985             | 906             | 753  | 1659 | 38373 | 1047            | 968  | 2015 | 28740 | 11    | 33  | 44  | 142 | 1964  | 1754 | 3718 | 67255  |
| 1986             | 801             | 648  | 1449 | 38018 | 876             | 853  | 1729 | 29295 | 16    | 21  | 37  | 123 | 1693  | 1522 | 3215 | 67436  |
| 1987             | 888             | 656  | 1544 | 42702 | 976             | 998  | 1974 | 33137 | 14    | 22  | 36  | 155 | 1878  | 1676 | 3554 | 75994  |
| 1988             | 1060            | 755  | 1815 | 51579 | 927             | 840  | 1767 | 30141 | 21    | 34  | 55  | 177 | 2008  | 1629 | 3637 | 81897  |
| 1989             | 1173            | 854  | 2027 | 58566 | 915             | 814  | 1729 | 29723 | 25    | 16  | 41  | 163 | 2113  | 1684 | 3797 | 88452  |
| <b>Female</b>    |                 |      |      |       |                 |      |      |       |       |     |     |     |       |      |      |        |
| 1980             | 144             | 107  | 251  | 12313 | 161             | 114  | 275  | 7217  | 1     | 3   | 4   | 48  | 306   | 224  | 530  | 19578  |
| 1981             | 158             | 112  | 270  | 13189 | 184             | 137  | 321  | 7703  | 2     | 2   | 4   | 24  | 344   | 251  | 595  | 20916  |
| 1982             | 138             | 97   | 235  | 12671 | 161             | 114  | 275  | 7213  | 3     | 4   | 7   | 27  | 302   | 215  | 517  | 19911  |
| 1983             | 129             | 88   | 217  | 12207 | 124             | 100  | 224  | 7509  | 0     | 1   | 1   | 27  | 253   | 189  | 442  | 19743  |
| 1984             | 120             | 101  | 221  | 13356 | 120             | 99   | 219  | 8209  | 1     | 1   | 2   | 29  | 241   | 201  | 442  | 21594  |
| 1985             | 105             | 82   | 187  | 12103 | 139             | 107  | 246  | 10149 | 4     | 2   | 6   | 31  | 248   | 191  | 439  | 22283  |
| 1986             | 89              | 72   | 161  | 12271 | 94              | 80   | 174  | 10652 | 0     | 5   | 5   | 24  | 183   | 157  | 340  | 22947  |
| 1987             | 102             | 78   | 180  | 14143 | 141             | 106  | 247  | 12221 | 2     | 2   | 4   | 38  | 245   | 186  | 431  | 26402  |
| 1988             | 135             | 64   | 199  | 16983 | 107             | 83   | 190  | 11396 | 2     | 1   | 3   | 31  | 244   | 148  | 392  | 28410  |
| 1989             | 129             | 78   | 207  | 20181 | 81              | 84   | 165  | 11459 | 1     | 2   | 3   | 40  | 211   | 164  | 375  | 31680  |
| <b>Total</b>     |                 |      |      |       |                 |      |      |       |       |     |     |     |       |      |      |        |
| 1980             | 1662            | 1343 | 3005 | 55879 | 1332            | 1275 | 2607 | 30221 | 23    | 35  | 58  | 199 | 3017  | 2653 | 5670 | 86299  |
| 1981             | 1730            | 1392 | 3122 | 59885 | 1372            | 1292 | 2664 | 32019 | 16    | 27  | 43  | 156 | 3118  | 2711 | 5829 | 92060  |
| 1982             | 1587            | 1207 | 2794 | 56467 | 1267            | 1182 | 2449 | 30201 | 25    | 27  | 52  | 149 | 2879  | 2416 | 5295 | 86817  |
| 1983             | 1315            | 982  | 2297 | 52003 | 1068            | 985  | 2053 | 29421 | 17    | 31  | 48  | 141 | 2400  | 1998 | 4398 | 81565  |
| 1984             | 1361            | 1036 | 2397 | 56133 | 1091            | 1017 | 2108 | 32435 | 17    | 33  | 50  | 154 | 2469  | 2086 | 4555 | 88722  |
| 1985             | 1011            | 835  | 1846 | 50476 | 1186            | 1075 | 2261 | 38889 | 15    | 35  | 50  | 173 | 2212  | 1945 | 4157 | 89538  |
| 1986             | 890             | 720  | 1610 | 50289 | 970             | 933  | 1903 | 39947 | 16    | 26  | 42  | 147 | 1876  | 1679 | 3555 | 90383  |
| 1987             | 990             | 734  | 1724 | 56845 | 1117            | 1104 | 2221 | 45358 | 16    | 24  | 40  | 193 | 2123  | 1862 | 3985 | 102396 |
| 1988             | 1195            | 819  | 2014 | 68562 | 1034            | 923  | 1957 | 41537 | 23    | 35  | 58  | 208 | 2252  | 1777 | 4029 | 110307 |
| 1989             | 1302            | 932  | 2234 | 78747 | 996             | 898  | 1894 | 41182 | 26    | 18  | 44  | 203 | 2324  | 1848 | 4172 | 120132 |

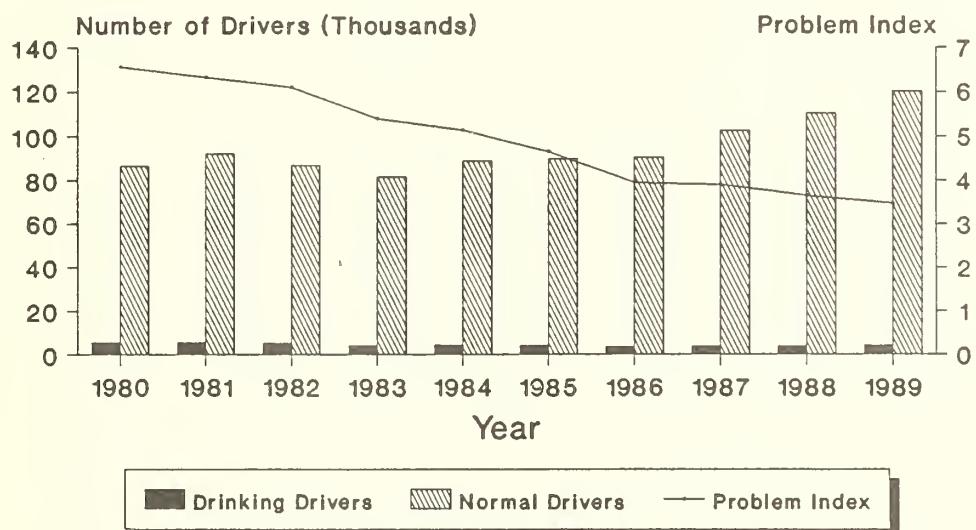
KEY: HBD -- Drivers reported by police to have been drinking

IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

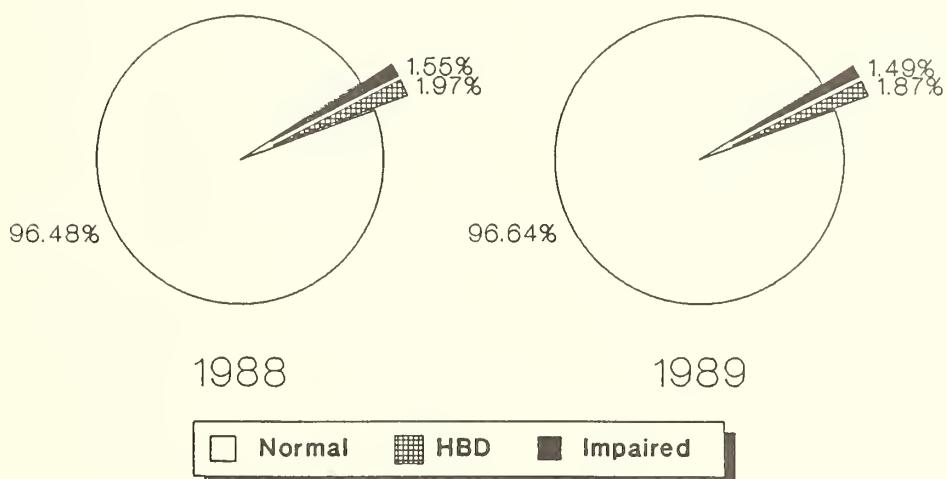
D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

NOR -- Drivers whose condition was reported by police as "normal"

## METROPOLITAN TORONTO & YORK REGION Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes



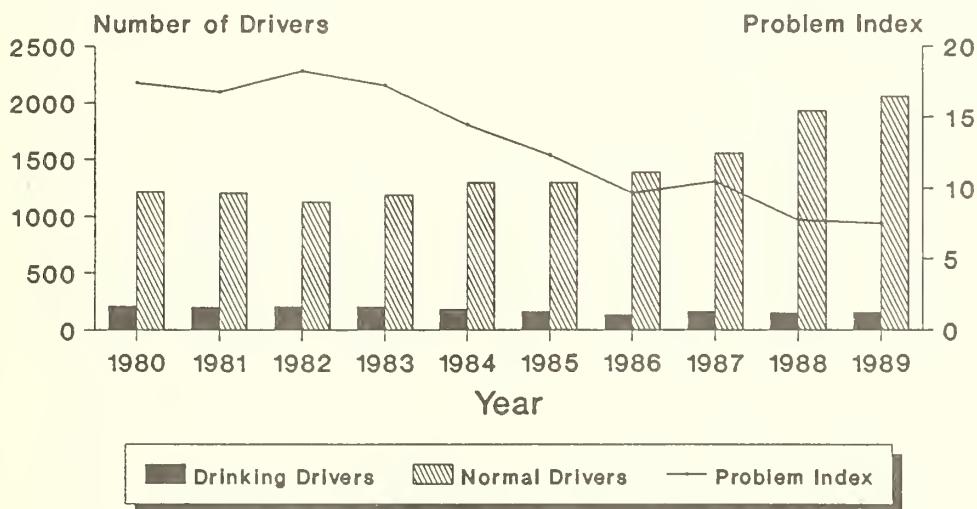
## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |     | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 64              | 29  | 93  | 564  | 81              | 17  | 98  | 316 | 2     | 2   | 4   | 6   | 147   | 48  | 195 | 886  |
| 1981             | 70              | 24  | 94  | 552  | 71              | 18  | 89  | 294 | 4     | 2   | 6   | 7   | 145   | 44  | 189 | 853  |
| 1982             | 57              | 22  | 79  | 511  | 80              | 21  | 101 | 290 | 2     | 3   | 5   | 8   | 139   | 46  | 185 | 809  |
| 1983             | 51              | 20  | 71  | 523  | 81              | 28  | 109 | 275 | 0     | 4   | 4   | 7   | 132   | 52  | 184 | 805  |
| 1984             | 51              | 24  | 75  | 603  | 66              | 19  | 85  | 282 | 5     | 3   | 8   | 6   | 122   | 46  | 168 | 891  |
| 1985             | 46              | 21  | 67  | 584  | 53              | 15  | 68  | 343 | 2     | 3   | 5   | 9   | 101   | 39  | 140 | 936  |
| 1986             | 26              | 16  | 42  | 615  | 47              | 21  | 68  | 367 | 2     | 5   | 7   | 12  | 75    | 42  | 117 | 994  |
| 1987             | 41              | 23  | 64  | 611  | 61              | 14  | 75  | 420 | 3     | 1   | 4   | 4   | 105   | 38  | 143 | 1035 |
| 1988             | 42              | 20  | 62  | 788  | 42              | 21  | 63  | 456 | 4     | 2   | 6   | 10  | 88    | 43  | 131 | 1254 |
| 1989             | 53              | 21  | 74  | 920  | 42              | 19  | 61  | 432 | 1     | 4   | 5   | 5   | 96    | 44  | 140 | 1357 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 8               | 1   | 9   | 207  | 7               | 1   | 8   | 121 | 0     | 0   | 0   | 3   | 15    | 2   | 17  | 331  |
| 1981             | 4               | 2   | 6   | 210  | 6               | 2   | 8   | 145 | 0     | 0   | 0   | 2   | 10    | 4   | 14  | 357  |
| 1982             | 5               | 1   | 6   | 186  | 9               | 2   | 11  | 129 | 0     | 4   | 4   | 2   | 14    | 7   | 21  | 317  |
| 1983             | 7               | 4   | 11  | 231  | 7               | 3   | 10  | 151 | 0     | 0   | 0   | 1   | 14    | 7   | 21  | 383  |
| 1984             | 4               | 4   | 8   | 245  | 10              | 0   | 10  | 158 | 0     | 1   | 1   | 3   | 14    | 5   | 19  | 406  |
| 1985             | 6               | 1   | 7   | 204  | 9               | 4   | 13  | 156 | 0     | 0   | 0   | 4   | 15    | 5   | 20  | 364  |
| 1986             | 5               | 3   | 8   | 240  | 6               | 3   | 9   | 154 | 0     | 0   | 0   | 0   | 11    | 6   | 17  | 394  |
| 1987             | 5               | 2   | 7   | 313  | 8               | 4   | 12  | 204 | 0     | 1   | 1   | 2   | 13    | 7   | 20  | 519  |
| 1988             | 4               | 1   | 5   | 413  | 10              | 4   | 14  | 257 | 0     | 0   | 0   | 7   | 14    | 5   | 19  | 677  |
| 1989             | 7               | 1   | 8   | 455  | 6               | 0   | 6   | 243 | 1     | 0   | 1   | 2   | 14    | 1   | 15  | 700  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |     |       |     |     |     |       |     |     |      |
| 1980             | 72              | 30  | 102 | 771  | 88              | 18  | 106 | 437 | 2     | 2   | 4   | 9   | 162   | 50  | 212 | 1217 |
| 1981             | 74              | 26  | 100 | 762  | 77              | 20  | 97  | 439 | 4     | 2   | 6   | 9   | 155   | 48  | 203 | 1210 |
| 1982             | 62              | 23  | 85  | 697  | 89              | 23  | 112 | 419 | 2     | 7   | 9   | 10  | 153   | 53  | 206 | 1126 |
| 1983             | 58              | 24  | 82  | 754  | 88              | 31  | 119 | 426 | 0     | 4   | 4   | 8   | 146   | 59  | 205 | 1188 |
| 1984             | 55              | 28  | 83  | 848  | 76              | 19  | 95  | 440 | 5     | 4   | 9   | 9   | 136   | 51  | 187 | 1297 |
| 1985             | 52              | 22  | 74  | 788  | 62              | 19  | 81  | 499 | 2     | 3   | 5   | 13  | 116   | 44  | 160 | 1300 |
| 1986             | 31              | 19  | 50  | 855  | 53              | 24  | 77  | 521 | 2     | 5   | 7   | 12  | 86    | 48  | 134 | 1388 |
| 1987             | 46              | 25  | 71  | 924  | 69              | 18  | 87  | 624 | 3     | 2   | 5   | 6   | 118   | 45  | 163 | 1554 |
| 1988             | 46              | 21  | 67  | 1201 | 52              | 25  | 77  | 713 | 4     | 2   | 6   | 17  | 102   | 48  | 150 | 1931 |
| 1989             | 60              | 22  | 82  | 1375 | 48              | 19  | 67  | 675 | 2     | 4   | 6   | 7   | 110   | 45  | 155 | 2057 |

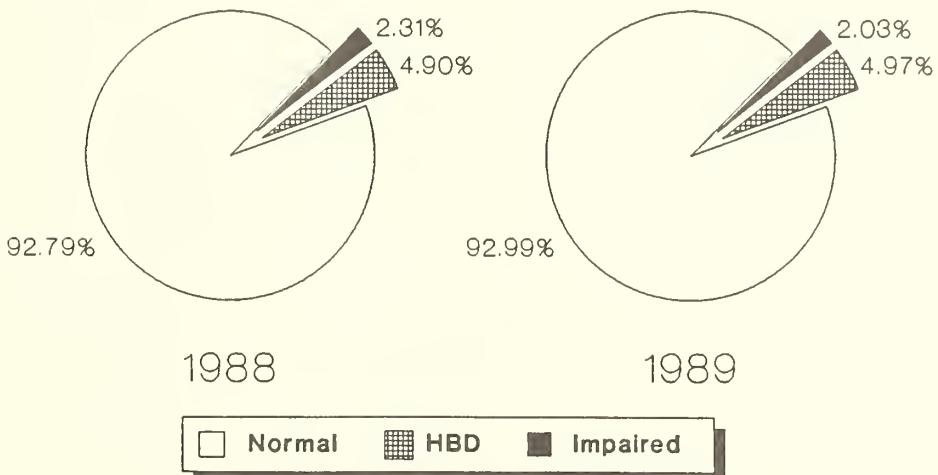
KEY: HBD -- Drivers reported by police to have been drinking  
 IMP -- Drivers judged by police to have their ability to drive impaired by alcohol  
 D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP  
 NOR -- Drivers whose condition was reported by police as "normal"

## VICTORIA

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |      |       |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|------|-------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D  | NOR   |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 345             | 194 | 539 | 4996 | 265             | 182 | 447 | 2341 | 7     | 12  | 19  | 21  | 617   | 388 | 1005 | 7358  |
| 1981             | 343             | 190 | 533 | 4896 | 242             | 202 | 444 | 2076 | 6     | 7   | 13  | 29  | 591   | 399 | 990  | 7001  |
| 1982             | 298             | 168 | 466 | 4992 | 223             | 154 | 377 | 2047 | 8     | 7   | 15  | 21  | 529   | 329 | 858  | 7060  |
| 1983             | 221             | 159 | 380 | 4489 | 194             | 146 | 340 | 2035 | 4     | 9   | 13  | 23  | 419   | 314 | 733  | 6547  |
| 1984             | 232             | 151 | 383 | 4857 | 211             | 172 | 383 | 2319 | 9     | 5   | 14  | 16  | 452   | 328 | 780  | 7192  |
| 1985             | 192             | 146 | 338 | 4521 | 216             | 158 | 374 | 2788 | 5     | 12  | 17  | 21  | 413   | 316 | 729  | 7330  |
| 1986             | 179             | 113 | 292 | 4595 | 171             | 163 | 334 | 2893 | 4     | 6   | 10  | 20  | 354   | 282 | 636  | 7508  |
| 1987             | 172             | 123 | 295 | 5062 | 184             | 169 | 353 | 3252 | 4     | 7   | 11  | 33  | 360   | 299 | 659  | 8347  |
| 1988             | 183             | 163 | 346 | 5960 | 153             | 156 | 309 | 3054 | 5     | 4   | 9   | 26  | 341   | 323 | 664  | 9040  |
| 1989             | 173             | 157 | 330 | 6307 | 102             | 156 | 258 | 2910 | 6     | 3   | 9   | 26  | 281   | 316 | 597  | 9243  |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 39              | 19  | 58  | 1849 | 32              | 14  | 46  | 967  | 1     | 0   | 1   | 10  | 72    | 33  | 105  | 2826  |
| 1981             | 47              | 10  | 57  | 1940 | 28              | 15  | 43  | 912  | 0     | 0   | 0   | 3   | 75    | 25  | 100  | 2855  |
| 1982             | 39              | 12  | 51  | 2062 | 31              | 16  | 47  | 886  | 0     | 1   | 1   | 6   | 70    | 29  | 99   | 2954  |
| 1983             | 31              | 21  | 52  | 1902 | 29              | 14  | 43  | 982  | 0     | 0   | 0   | 7   | 60    | 35  | 95   | 2891  |
| 1984             | 40              | 13  | 53  | 2143 | 30              | 16  | 46  | 1053 | 0     | 0   | 0   | 4   | 70    | 29  | 99   | 3200  |
| 1985             | 17              | 15  | 32  | 2046 | 28              | 23  | 51  | 1305 | 0     | 0   | 0   | 6   | 45    | 38  | 83   | 3357  |
| 1986             | 17              | 7   | 24  | 2056 | 15              | 17  | 32  | 1389 | 0     | 0   | 0   | 6   | 32    | 24  | 56   | 3451  |
| 1987             | 18              | 14  | 32  | 2297 | 24              | 13  | 37  | 1610 | 0     | 1   | 1   | 6   | 42    | 28  | 70   | 3913  |
| 1988             | 22              | 19  | 41  | 2740 | 24              | 20  | 44  | 1566 | 1     | 0   | 1   | 11  | 47    | 39  | 86   | 4317  |
| 1989             | 20              | 15  | 35  | 2970 | 23              | 12  | 35  | 1569 | 0     | 0   | 0   | 7   | 43    | 27  | 70   | 4546  |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |      |       |
| 1980             | 384             | 213 | 597 | 6845 | 297             | 196 | 493 | 3308 | 8     | 12  | 20  | 31  | 689   | 421 | 1110 | 10184 |
| 1981             | 390             | 200 | 590 | 6836 | 270             | 217 | 487 | 2988 | 6     | 7   | 13  | 32  | 666   | 424 | 1090 | 9856  |
| 1982             | 337             | 180 | 517 | 7054 | 254             | 170 | 424 | 2933 | 8     | 8   | 16  | 27  | 599   | 358 | 957  | 10014 |
| 1983             | 252             | 180 | 432 | 6391 | 223             | 160 | 383 | 3017 | 4     | 9   | 13  | 30  | 479   | 349 | 828  | 9438  |
| 1984             | 272             | 164 | 436 | 7000 | 241             | 188 | 429 | 3372 | 9     | 5   | 14  | 20  | 522   | 357 | 879  | 10392 |
| 1985             | 209             | 161 | 370 | 6567 | 244             | 181 | 425 | 4093 | 5     | 12  | 17  | 27  | 458   | 354 | 812  | 10687 |
| 1986             | 196             | 120 | 316 | 6651 | 186             | 180 | 366 | 4282 | 4     | 6   | 10  | 26  | 386   | 306 | 692  | 10959 |
| 1987             | 190             | 137 | 327 | 7359 | 208             | 182 | 390 | 4862 | 4     | 8   | 12  | 39  | 402   | 327 | 729  | 12260 |
| 1988             | 205             | 182 | 387 | 8700 | 177             | 176 | 353 | 4620 | 6     | 4   | 10  | 37  | 388   | 362 | 750  | 13357 |
| 1989             | 193             | 172 | 365 | 9277 | 125             | 168 | 293 | 4479 | 6     | 3   | 9   | 33  | 324   | 343 | 667  | 13789 |

KEY: HBD -- Drivers reported by police to have been drinking

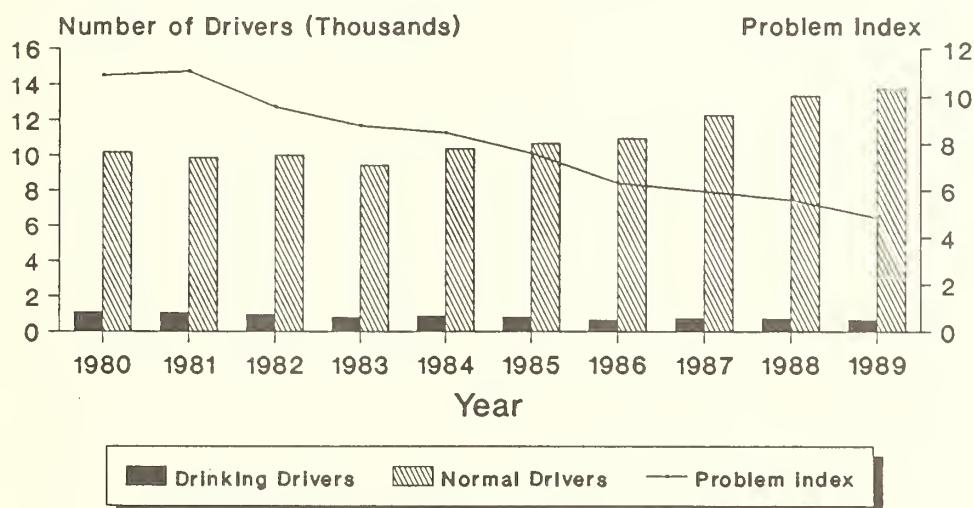
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

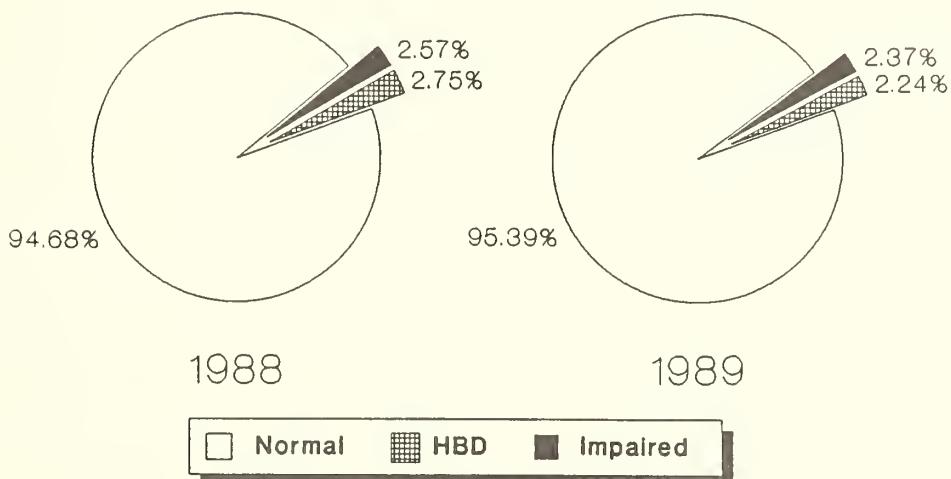
NOR -- Drivers whose condition was reported by police as "normal"

## WATERLOO

### Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



### Condition of Drivers Involved in Traffic Crashes



## WELLINGTON

## Drivers Involved in Traffic Crashes, 1980 - 1989

| Year<br>&<br>Sex | Property Damage |     |     |      | Personal Injury |     |     |      | Fatal |     |     |     | Total |     |     |      |
|------------------|-----------------|-----|-----|------|-----------------|-----|-----|------|-------|-----|-----|-----|-------|-----|-----|------|
|                  | HBD             | IMP | D/D | NOR  | HBD             | IMP | D/D | NOR  | HBD   | IMP | D/D | NOR | HBD   | IMP | D/D | NOR  |
| <b>Male</b>      |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 160             | 69  | 229 | 1730 | 120             | 63  | 183 | 851  | 11    | 5   | 16  | 16  | 291   | 137 | 428 | 2597 |
| 1981             | 136             | 52  | 188 | 1586 | 138             | 52  | 190 | 894  | 5     | 6   | 11  | 19  | 279   | 110 | 389 | 2499 |
| 1982             | 136             | 54  | 190 | 1663 | 132             | 55  | 187 | 962  | 5     | 6   | 11  | 19  | 273   | 115 | 388 | 2644 |
| 1983             | 128             | 51  | 179 | 1577 | 132             | 48  | 180 | 890  | 6     | 4   | 10  | 24  | 266   | 103 | 369 | 2491 |
| 1984             | 127             | 60  | 187 | 1841 | 116             | 58  | 174 | 941  | 6     | 6   | 12  | 19  | 249   | 124 | 373 | 2801 |
| 1985             | 72              | 44  | 116 | 1659 | 118             | 48  | 166 | 1181 | 3     | 8   | 11  | 26  | 193   | 100 | 293 | 2866 |
| 1986             | 95              | 28  | 123 | 1705 | 88              | 36  | 124 | 1257 | 2     | 4   | 6   | 16  | 185   | 68  | 253 | 2978 |
| 1987             | 80              | 36  | 116 | 1869 | 105             | 51  | 156 | 1454 | 5     | 8   | 13  | 16  | 190   | 95  | 285 | 3339 |
| 1988             | 71              | 54  | 125 | 2306 | 72              | 49  | 121 | 1428 | 2     | 7   | 9   | 38  | 145   | 110 | 255 | 3772 |
| 1989             | 85              | 40  | 125 | 2304 | 71              | 57  | 128 | 1246 | 5     | 1   | 6   | 34  | 161   | 98  | 259 | 3584 |
| <b>Female</b>    |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 12              | 5   | 17  | 631  | 9               | 2   | 11  | 365  | 0     | 0   | 0   | 2   | 21    | 7   | 28  | 998  |
| 1981             | 16              | 7   | 23  | 634  | 20              | 2   | 22  | 361  | 2     | 0   | 2   | 2   | 38    | 9   | 47  | 997  |
| 1982             | 14              | 3   | 17  | 664  | 13              | 3   | 16  | 397  | 1     | 0   | 1   | 5   | 28    | 6   | 34  | 1066 |
| 1983             | 11              | 6   | 17  | 662  | 20              | 6   | 26  | 386  | 2     | 0   | 2   | 4   | 33    | 12  | 45  | 1052 |
| 1984             | 25              | 5   | 30  | 743  | 14              | 9   | 23  | 426  | 0     | 0   | 0   | 7   | 39    | 14  | 53  | 1176 |
| 1985             | 7               | 7   | 14  | 719  | 12              | 8   | 20  | 518  | 1     | 1   | 2   | 10  | 20    | 16  | 36  | 1247 |
| 1986             | 10              | 2   | 12  | 693  | 21              | 6   | 27  | 604  | 1     | 1   | 2   | 6   | 32    | 9   | 41  | 1303 |
| 1987             | 8               | 4   | 12  | 761  | 16              | 3   | 19  | 690  | 0     | 1   | 1   | 8   | 24    | 8   | 32  | 1459 |
| 1988             | 11              | 4   | 15  | 1111 | 24              | 3   | 27  | 674  | 1     | 0   | 1   | 9   | 36    | 7   | 43  | 1794 |
| 1989             | 4               | 5   | 9   | 1141 | 21              | 5   | 26  | 686  | 0     | 0   | 0   | 8   | 25    | 10  | 35  | 1835 |
| <b>Total</b>     |                 |     |     |      |                 |     |     |      |       |     |     |     |       |     |     |      |
| 1980             | 172             | 74  | 246 | 2361 | 129             | 65  | 194 | 1216 | 11    | 5   | 16  | 18  | 312   | 144 | 456 | 3595 |
| 1981             | 152             | 59  | 211 | 2220 | 158             | 54  | 212 | 1255 | 7     | 6   | 13  | 21  | 317   | 119 | 436 | 3496 |
| 1982             | 150             | 57  | 207 | 2327 | 145             | 58  | 203 | 1359 | 6     | 6   | 12  | 24  | 301   | 121 | 422 | 3710 |
| 1983             | 139             | 57  | 196 | 2239 | 152             | 54  | 206 | 1276 | 8     | 4   | 12  | 28  | 299   | 115 | 414 | 3543 |
| 1984             | 152             | 65  | 217 | 2584 | 130             | 67  | 197 | 1367 | 6     | 6   | 12  | 26  | 288   | 138 | 426 | 3977 |
| 1985             | 79              | 51  | 130 | 2378 | 130             | 56  | 186 | 1699 | 4     | 9   | 13  | 36  | 213   | 116 | 329 | 4113 |
| 1986             | 105             | 30  | 135 | 2398 | 109             | 42  | 151 | 1861 | 3     | 5   | 8   | 22  | 217   | 77  | 294 | 4281 |
| 1987             | 88              | 40  | 128 | 2630 | 121             | 54  | 175 | 2144 | 5     | 9   | 14  | 24  | 214   | 103 | 317 | 4798 |
| 1988             | 82              | 58  | 140 | 3417 | 96              | 52  | 148 | 2102 | 3     | 7   | 10  | 47  | 181   | 117 | 298 | 5566 |
| 1989             | 89              | 45  | 134 | 3445 | 92              | 62  | 154 | 1932 | 5     | 1   | 6   | 42  | 186   | 108 | 294 | 5419 |

KEY: HBD -- Drivers reported by police to have been drinking

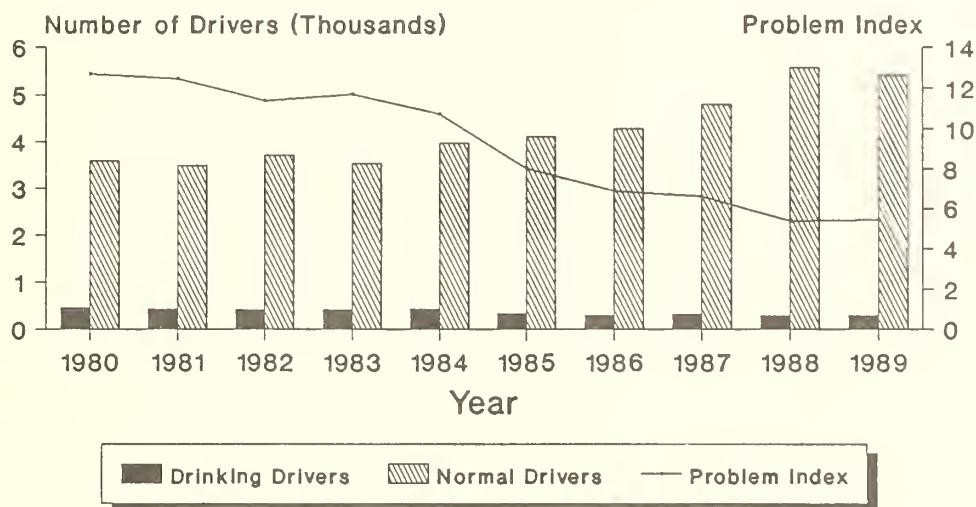
IMP -- Drivers judged by police to have their ability to drive impaired by alcohol

D/D -- Sum of drivers reported by police to have consumed alcohol; D/D = HBD + IMP

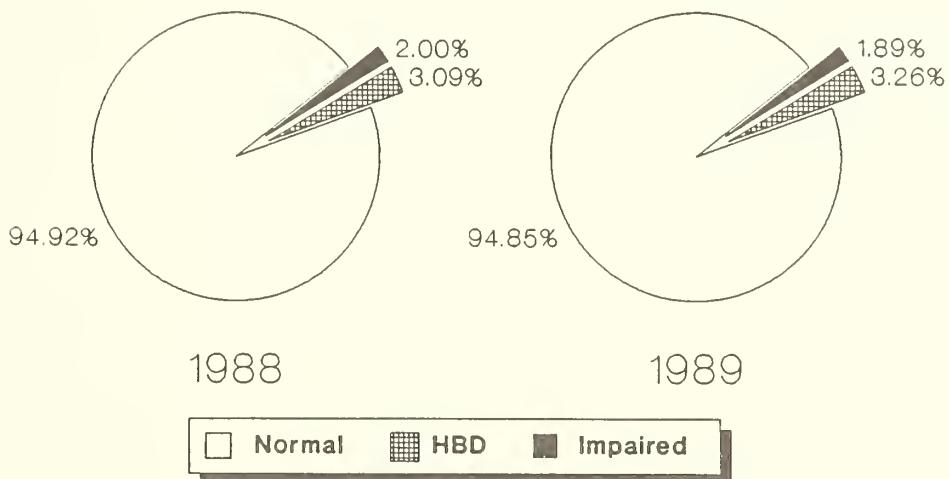
NOR -- Drivers whose condition was reported by police as "normal"

# WELLINGTON

## Drinking and Normal Drivers in Traffic Crashes: 1980 - 1989



## Condition of Drivers Involved in Traffic Crashes





MINISTRY OF THE  
ATTORNEY GENERAL  
LAW LIBRARY

